

2_cs2_regression_models

October 2, 2021

```
[ ]: from google.colab import drive
drive.mount('/content/gdrive')
```

```
[ ]: import tensorflow as tf
from tensorflow.keras import models, layers
#from tensorflow.keras.models import Model
#from tensorflow.keras.layers import BatchNormalization, Activation, Flatten
from tensorflow.keras.optimizers import *
from tensorflow.keras.callbacks import LearningRateScheduler,
    ↳ReduceLROnPlateau, ModelCheckpoint, TerminateOnNaN, EarlyStopping,
    ↳TensorBoard, CSVLogger
import datetime
import os
from tensorflow.keras import backend as K
#from tensorflow.keras.models import load_model, save_model
#from tensorflow.keras.preprocessing.image import
    ↳ImageDataGenerator, img_to_array, load_img
import keras
from keras.preprocessing.image import ImageDataGenerator, img_to_array, load_img

import pandas as pd
import numpy as np
import glob
import os
import cv2
from IPython.display import Image
import matplotlib.pyplot as plt
import seaborn as sns
from sklearn.model_selection import train_test_split
from tensorflow.keras.layers import *
from tensorflow.keras.models import *
from tensorflow.keras.preprocessing import image
from sklearn.preprocessing import *
#import xgboost as xgb
import warnings
warnings.filterwarnings('ignore')
```

```

from scipy import stats
from datetime import *
import datetime
import pickle

from sklearn.preprocessing import MinMaxScaler, StandardScaler
from sklearn.metrics import classification_report, confusion_matrix
from sklearn.ensemble import GradientBoostingRegressor as gbd

```

2021-10-01 19:32:33.866683: W
tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load
dynamic library 'libcudart.so.11.0'; dlerror: libcudart.so.11.0: cannot open
shared object file: No such file or directory
2021-10-01 19:32:33.866736: I tensorflow/stream_executor/cuda/cudart_stub.cc:29]
Ignore above cudart dlerror if you do not have a GPU set up on your machine.

**FOR CLASSIFICATION TASK i.e. PREDICTING CONDITION OF VEHICLE BASED ON IM-
AGE see cs2 premodels classification.ipynb**

#IMAGE ONLY CONDITION REGRESSION (PART-1)

predicting condition from various model classification (1), than regression is run on (1)

```

[ ]: x_train_data_cmn = pd.read_csv('/content/gdrive/MyDrive/cs2/data/train_data_f.
    ↳csv')
x_train_data_cmn.head(3)

```

```

[ ]:      Unnamed: 0      Image_path  ... Condition  Amount
0           0  img_4513976.jpg  ...           0      0.0
1           1  img_7764995.jpg  ...           1  6194.0
2           2  img_451308.jpg  ...           0      0.0

```

[3 rows x 26 columns]

```

[ ]: test_data_f = pd.read_csv('/content/gdrive/MyDrive/cs2/data/test_data_f.csv')
test_data_f.head(3)

```

```

[ ]:      Unnamed: 0      Image_path  ... hig_expire  cost_grt_20k
0           0  img_4538519.jpg  ...           0           0
1           1  img_7766002.jpg  ...           1           0
2           2  img_4637390.jpg  ...           0           0

```

[3 rows x 24 columns]

##only img

```

[ ]: x_test_model_1 = pd.read_csv('/content/gdrive/MyDrive/cs2/data/model1/img_only/
    ↳test_condition_model_1.csv')

```

```
x_test_model_2 = pd.read_csv('/content/gdrive/MyDrive/cs2/data/model2/img_only/
→test_condition_model_2.csv')
x_test_model_3 = pd.read_csv('/content/gdrive/MyDrive/cs2/data/model3/img_only/
→test_condition_model_3.csv')
x_test_model_4 = pd.read_csv('/content/gdrive/MyDrive/cs2/data/model4/img_only/
→test_condition_model_4.csv')

x_test_model_1.head(3)
```

```
[ ]: Unnamed: 0      Image_path ... cost_grt_20k  Condition
0          0  img_4538519.jpg ...           0           1
1          1  img_7766002.jpg ...           0           1
2          2  img_4637390.jpg ...           0           1

[3 rows x 25 columns]
```

```
[ ]: x_test_model_2.head(3)
```

```
[ ]: Unnamed: 0      Image_path ... cost_grt_20k  Condition
0          0  img_4538519.jpg ...           0           1
1          1  img_7766002.jpg ...           0           1
2          2  img_4637390.jpg ...           0           1

[3 rows x 25 columns]
```

```
[ ]: x_test_model_3.head(3)
```

```
[ ]: Unnamed: 0      Image_path ... cost_grt_20k  Condition
0          0  img_4538519.jpg ...           0           1
1          1  img_7766002.jpg ...           0           1
2          2  img_4637390.jpg ...           0           1

[3 rows x 25 columns]
```

```
[ ]: x_test_model_4.head(3)
```

```
[ ]: Unnamed: 0      Image_path ... cost_grt_20k  Condition
0          0  img_4538519.jpg ...           0           1
1          1  img_7766002.jpg ...           0           1
2          2  img_4637390.jpg ...           0           1

[3 rows x 25 columns]
```

```
[ ]: def ohe_transform_inter(array, label, dataframe):

    '''takes array : one-hot encoded columns,
        labels: names to be given to array
```

*returns : final dataframe after concatating one hot columns with rest of
 →features and dropping some of them not usefull'''*

```
ohe_df = pd.DataFrame(array, columns=label)
final = pd.concat([dataframe, ohe_df], axis=1)
final.drop(['Unnamed: 0', 'Image_path', 'Insurance_company', 'Expiry_date'],  

→axis=1, inplace=True)

return final
```

```
[ ]: def ohe_transform(train, test1, test2, test3, test4, column):
```

*'''takes train, test1 : dataframe of each,
 column : columns having categorical data,
 returns : dataframe with one-hot encoded columns of categorical
 →data'''*

```
ohe = OneHotEncoder(categories='auto')
train_array = ohe.fit_transform(train[column].values.reshape(-1,1)).toarray()
test_arr1 = ohe.transform(test1[column].values.reshape(-1,1)).toarray()
test_arr2 = ohe.transform(test2[column].values.reshape(-1,1)).toarray()
test_arr3 = ohe.transform(test3[column].values.reshape(-1,1)).toarray()
test_arr4 = ohe.transform(test4[column].values.reshape(-1,1)).toarray()
feature_labels = ohe.categories_
feature_labels = np.array(feature_labels).ravel()

final_train = ohe_transform_inter(train_array, feature_labels, x_train_data_cmn)

final_test_1 = ohe_transform_inter(test_arr1, feature_labels, x_test_model_1)
final_test_2 = ohe_transform_inter(test_arr2, feature_labels, x_test_model_2)
final_test_3 = ohe_transform_inter(test_arr3, feature_labels, x_test_model_3)
final_test_4 = ohe_transform_inter(test_arr4, feature_labels, x_test_model_4)

return final_train, final_test_1, final_test_2, final_test_3, final_test_4
```

```
[ ]: final_train, final_test_1, final_test_2, final_test_3, final_test_4 =  

→ohe_transform(x_train_data_cmn, x_test_model_1, x_test_model_2,  

→x_test_model_3, x_test_model_4, 'Insurance_company')
```

```
[ ]: def min_max_scaler(data, test1, test2, test3, test4):
```

*'''takes data : dataframe of trian,
 test1/2/3/4 : dataframe of test,
 return: standardized dataframe, for train and test apart from columns
 →in col_con.'''*

```
col_con = ['lux_seg', 'med_seg', 'budget_seg',
→ 'insuran_pd', 'low_expire', 'med_expire', 'hig_expire', 'cost_grt',
→ 'Amount']
```

```
for i in data.columns:
    if i not in col_con:
        sc = StandardScaler()
        data[i] = sc.fit_transform(data[i].values.reshape(-1,1))
        #final_train['Cost_of_vehicle']
        test1[i] = sc.transform(test1[i].values.reshape(-1,1))
        test2[i] = sc.transform(test2[i].values.reshape(-1,1))
        test3[i] = sc.transform(test3[i].values.reshape(-1,1))
        test4[i] = sc.transform(test4[i].values.reshape(-1,1))

return data, test1, test2, test3, test4
```

```
[ ]: x_train, x_test1, x_test2, x_test3, x_test4 = min_max_scaler(final_train,
→ final_test_1, final_test_2, final_test_3, final_test_4)
```

```
[ ]: x_train.drop(['Amount'], axis=1, inplace=True)
x_train.head(3)
```

```
[ ]: Cost_of_vehicle  Min_coverage  Max_coverage  ...      DA      0
RE
0      0.469785      0.469785      3.602141  ... -0.317345 -0.314609
-0.300688
1      1.535210      1.535210      0.232709  ... -0.317345 -0.314609
-0.300688
2      1.396242      1.396242      4.604774  ... -0.317345 -0.314609
-0.300688
```

[3 rows x 32 columns]

```
[ ]: y_train = x_train_data_cmh['Amount']
#x_train.drop(['Amount'], axis=1, inplace=True)
```

```
[ ]: %%time
from sklearn.ensemble import GradientBoostingRegressor
from sklearn.model_selection import RandomizedSearchCV, GridSearchCV
from tqdm import tqdm

gbr = GradientBoostingRegressor()

params = {
    'learning_rate' : [0.05, 0.075, 0.1, 0.25, 0.5, 0.75, 1],
    'n_estimators' : [10, 20, 50, 100, 200, 250, 500],
    'min_samples_split' : [2,5,10,15],
```

```

        'min_samples_leaf' : [2,5,8,10],
        'max_depth'        : [3,5,8]

}

random_reg=GridSearchCV(gbr, param_grid=params, verbose=10,n_jobs=-1)
random_reg.fit(x_train, y_train)

```

Fitting 5 folds for each of 2352 candidates, totalling 11760 fits

```

[Parallel(n_jobs=-1)]: Using backend LokyBackend with 2 concurrent workers.
[Parallel(n_jobs=-1)]: Done   1 tasks      | elapsed:    0.1s
[Parallel(n_jobs=-1)]: Batch computation too fast (0.0579s.) Setting
batch_size=2.
[Parallel(n_jobs=-1)]: Done   4 tasks      | elapsed:    0.1s
[Parallel(n_jobs=-1)]: Done  14 tasks      | elapsed:    0.9s
[Parallel(n_jobs=-1)]: Done  24 tasks      | elapsed:    4.3s
[Parallel(n_jobs=-1)]: Batch computation too slow (2.0603s.) Setting
batch_size=1.
[Parallel(n_jobs=-1)]: Done  35 tasks      | elapsed:   12.8s
[Parallel(n_jobs=-1)]: Done  42 tasks      | elapsed:   13.3s
[Parallel(n_jobs=-1)]: Done  51 tasks      | elapsed:   14.5s
[Parallel(n_jobs=-1)]: Done  60 tasks      | elapsed:   18.0s
[Parallel(n_jobs=-1)]: Done  71 tasks      | elapsed:   25.4s
[Parallel(n_jobs=-1)]: Done  82 tasks      | elapsed:   26.8s
[Parallel(n_jobs=-1)]: Done  95 tasks      | elapsed:   31.0s
[Parallel(n_jobs=-1)]: Done 108 tasks      | elapsed:   38.8s
[Parallel(n_jobs=-1)]: Done 123 tasks      | elapsed:   41.2s
[Parallel(n_jobs=-1)]: Done 138 tasks      | elapsed:   50.9s
[Parallel(n_jobs=-1)]: Done 155 tasks      | elapsed:   53.4s
[Parallel(n_jobs=-1)]: Done 172 tasks      | elapsed:   1.0min
[Parallel(n_jobs=-1)]: Done 191 tasks      | elapsed:   1.1min
[Parallel(n_jobs=-1)]: Done 210 tasks      | elapsed:   1.3min
[Parallel(n_jobs=-1)]: Done 231 tasks      | elapsed:   1.4min
[Parallel(n_jobs=-1)]: Done 252 tasks      | elapsed:   1.5min
[Parallel(n_jobs=-1)]: Done 275 tasks      | elapsed:   1.7min
[Parallel(n_jobs=-1)]: Done 298 tasks      | elapsed:   1.8min
[Parallel(n_jobs=-1)]: Done 323 tasks      | elapsed:   2.0min
[Parallel(n_jobs=-1)]: Done 348 tasks      | elapsed:   2.2min
[Parallel(n_jobs=-1)]: Done 375 tasks      | elapsed:   2.3min
[Parallel(n_jobs=-1)]: Done 402 tasks      | elapsed:   2.4min
[Parallel(n_jobs=-1)]: Done 431 tasks      | elapsed:   2.6min
[Parallel(n_jobs=-1)]: Done 460 tasks      | elapsed:   2.8min
[Parallel(n_jobs=-1)]: Done 491 tasks      | elapsed:   3.0min
[Parallel(n_jobs=-1)]: Done 522 tasks      | elapsed:   3.2min
[Parallel(n_jobs=-1)]: Done 555 tasks      | elapsed:   3.4min
[Parallel(n_jobs=-1)]: Done 588 tasks      | elapsed:   3.7min
[Parallel(n_jobs=-1)]: Done 623 tasks      | elapsed:   4.0min

```

[Parallel(n_jobs=-1)]: Done 658 tasks	elapsed: 4.3min
[Parallel(n_jobs=-1)]: Done 695 tasks	elapsed: 4.7min
[Parallel(n_jobs=-1)]: Done 732 tasks	elapsed: 5.1min
[Parallel(n_jobs=-1)]: Done 771 tasks	elapsed: 5.5min
[Parallel(n_jobs=-1)]: Done 810 tasks	elapsed: 5.9min
[Parallel(n_jobs=-1)]: Done 851 tasks	elapsed: 6.2min
[Parallel(n_jobs=-1)]: Done 892 tasks	elapsed: 6.6min
[Parallel(n_jobs=-1)]: Done 935 tasks	elapsed: 7.0min
[Parallel(n_jobs=-1)]: Done 978 tasks	elapsed: 7.5min
[Parallel(n_jobs=-1)]: Done 1023 tasks	elapsed: 7.9min
[Parallel(n_jobs=-1)]: Done 1068 tasks	elapsed: 8.3min
[Parallel(n_jobs=-1)]: Done 1115 tasks	elapsed: 8.8min
[Parallel(n_jobs=-1)]: Done 1162 tasks	elapsed: 9.5min
[Parallel(n_jobs=-1)]: Done 1211 tasks	elapsed: 10.1min
[Parallel(n_jobs=-1)]: Done 1260 tasks	elapsed: 11.0min
[Parallel(n_jobs=-1)]: Done 1311 tasks	elapsed: 11.6min
[Parallel(n_jobs=-1)]: Done 1362 tasks	elapsed: 12.5min
[Parallel(n_jobs=-1)]: Done 1415 tasks	elapsed: 13.2min
[Parallel(n_jobs=-1)]: Done 1468 tasks	elapsed: 14.1min
[Parallel(n_jobs=-1)]: Done 1523 tasks	elapsed: 14.7min
[Parallel(n_jobs=-1)]: Done 1578 tasks	elapsed: 15.6min
[Parallel(n_jobs=-1)]: Done 1635 tasks	elapsed: 16.4min
[Parallel(n_jobs=-1)]: Done 1692 tasks	elapsed: 17.2min
[Parallel(n_jobs=-1)]: Done 1751 tasks	elapsed: 17.6min
[Parallel(n_jobs=-1)]: Done 1810 tasks	elapsed: 18.0min
[Parallel(n_jobs=-1)]: Done 1871 tasks	elapsed: 18.3min
[Parallel(n_jobs=-1)]: Done 1932 tasks	elapsed: 18.8min
[Parallel(n_jobs=-1)]: Done 1995 tasks	elapsed: 19.2min
[Parallel(n_jobs=-1)]: Done 2058 tasks	elapsed: 19.6min
[Parallel(n_jobs=-1)]: Done 2123 tasks	elapsed: 20.0min
[Parallel(n_jobs=-1)]: Done 2188 tasks	elapsed: 20.4min
[Parallel(n_jobs=-1)]: Done 2255 tasks	elapsed: 20.8min
[Parallel(n_jobs=-1)]: Done 2322 tasks	elapsed: 21.5min
[Parallel(n_jobs=-1)]: Done 2391 tasks	elapsed: 22.2min
[Parallel(n_jobs=-1)]: Done 2460 tasks	elapsed: 22.9min
[Parallel(n_jobs=-1)]: Done 2531 tasks	elapsed: 23.6min
[Parallel(n_jobs=-1)]: Done 2602 tasks	elapsed: 24.2min
[Parallel(n_jobs=-1)]: Done 2675 tasks	elapsed: 25.0min
[Parallel(n_jobs=-1)]: Done 2748 tasks	elapsed: 25.7min
[Parallel(n_jobs=-1)]: Done 2823 tasks	elapsed: 26.4min
[Parallel(n_jobs=-1)]: Done 2898 tasks	elapsed: 27.6min
[Parallel(n_jobs=-1)]: Done 2975 tasks	elapsed: 28.9min
[Parallel(n_jobs=-1)]: Done 3052 tasks	elapsed: 29.9min
[Parallel(n_jobs=-1)]: Done 3131 tasks	elapsed: 31.0min
[Parallel(n_jobs=-1)]: Done 3210 tasks	elapsed: 32.1min
[Parallel(n_jobs=-1)]: Done 3291 tasks	elapsed: 33.4min
[Parallel(n_jobs=-1)]: Done 3372 tasks	elapsed: 34.4min
[Parallel(n_jobs=-1)]: Done 3455 tasks	elapsed: 34.9min

[Parallel(n_jobs=-1)]: Done 3538 tasks	elapsed: 35.5min
[Parallel(n_jobs=-1)]: Done 3623 tasks	elapsed: 36.0min
[Parallel(n_jobs=-1)]: Done 3708 tasks	elapsed: 36.6min
[Parallel(n_jobs=-1)]: Done 3795 tasks	elapsed: 37.0min
[Parallel(n_jobs=-1)]: Done 3882 tasks	elapsed: 37.6min
[Parallel(n_jobs=-1)]: Done 3971 tasks	elapsed: 38.3min
[Parallel(n_jobs=-1)]: Done 4060 tasks	elapsed: 39.2min
[Parallel(n_jobs=-1)]: Done 4151 tasks	elapsed: 40.0min
[Parallel(n_jobs=-1)]: Done 4242 tasks	elapsed: 40.9min
[Parallel(n_jobs=-1)]: Done 4335 tasks	elapsed: 41.8min
[Parallel(n_jobs=-1)]: Done 4428 tasks	elapsed: 42.7min
[Parallel(n_jobs=-1)]: Done 4523 tasks	elapsed: 43.9min
[Parallel(n_jobs=-1)]: Done 4618 tasks	elapsed: 45.4min
[Parallel(n_jobs=-1)]: Done 4715 tasks	elapsed: 46.7min
[Parallel(n_jobs=-1)]: Done 4812 tasks	elapsed: 48.2min
[Parallel(n_jobs=-1)]: Done 4911 tasks	elapsed: 49.7min
[Parallel(n_jobs=-1)]: Done 5010 tasks	elapsed: 51.2min
[Parallel(n_jobs=-1)]: Done 5111 tasks	elapsed: 52.1min
[Parallel(n_jobs=-1)]: Done 5212 tasks	elapsed: 52.8min
[Parallel(n_jobs=-1)]: Done 5315 tasks	elapsed: 53.4min
[Parallel(n_jobs=-1)]: Done 5418 tasks	elapsed: 54.0min
[Parallel(n_jobs=-1)]: Done 5523 tasks	elapsed: 54.7min
[Parallel(n_jobs=-1)]: Done 5628 tasks	elapsed: 55.4min
[Parallel(n_jobs=-1)]: Done 5735 tasks	elapsed: 56.5min
[Parallel(n_jobs=-1)]: Done 5842 tasks	elapsed: 57.6min
[Parallel(n_jobs=-1)]: Done 5951 tasks	elapsed: 58.7min
[Parallel(n_jobs=-1)]: Done 6060 tasks	elapsed: 59.9min
[Parallel(n_jobs=-1)]: Done 6171 tasks	elapsed: 61.1min
[Parallel(n_jobs=-1)]: Done 6282 tasks	elapsed: 63.0min
[Parallel(n_jobs=-1)]: Done 6395 tasks	elapsed: 65.0min
[Parallel(n_jobs=-1)]: Done 6508 tasks	elapsed: 66.8min
[Parallel(n_jobs=-1)]: Done 6623 tasks	elapsed: 68.4min
[Parallel(n_jobs=-1)]: Done 6738 tasks	elapsed: 70.0min
[Parallel(n_jobs=-1)]: Done 6855 tasks	elapsed: 70.8min
[Parallel(n_jobs=-1)]: Done 6972 tasks	elapsed: 71.5min
[Parallel(n_jobs=-1)]: Done 7091 tasks	elapsed: 72.2min
[Parallel(n_jobs=-1)]: Done 7210 tasks	elapsed: 73.0min
[Parallel(n_jobs=-1)]: Done 7331 tasks	elapsed: 73.8min
[Parallel(n_jobs=-1)]: Done 7452 tasks	elapsed: 75.1min
[Parallel(n_jobs=-1)]: Done 7575 tasks	elapsed: 76.2min
[Parallel(n_jobs=-1)]: Done 7698 tasks	elapsed: 77.5min
[Parallel(n_jobs=-1)]: Done 7823 tasks	elapsed: 78.6min
[Parallel(n_jobs=-1)]: Done 7948 tasks	elapsed: 80.3min
[Parallel(n_jobs=-1)]: Done 8075 tasks	elapsed: 82.0min
[Parallel(n_jobs=-1)]: Done 8202 tasks	elapsed: 83.8min
[Parallel(n_jobs=-1)]: Done 8331 tasks	elapsed: 85.8min
[Parallel(n_jobs=-1)]: Done 8460 tasks	elapsed: 87.1min
[Parallel(n_jobs=-1)]: Done 8591 tasks	elapsed: 87.9min


```

[Parallel(n_jobs=-1)]: Done 8722 tasks      | elapsed: 88.8min
[Parallel(n_jobs=-1)]: Done 8855 tasks      | elapsed: 89.6min
[Parallel(n_jobs=-1)]: Done 8988 tasks      | elapsed: 90.4min
[Parallel(n_jobs=-1)]: Done 9123 tasks      | elapsed: 91.8min
[Parallel(n_jobs=-1)]: Done 9258 tasks      | elapsed: 93.1min
[Parallel(n_jobs=-1)]: Done 9395 tasks      | elapsed: 94.4min
[Parallel(n_jobs=-1)]: Done 9532 tasks      | elapsed: 95.8min
[Parallel(n_jobs=-1)]: Done 9671 tasks      | elapsed: 97.5min
[Parallel(n_jobs=-1)]: Done 9810 tasks      | elapsed: 99.3min
[Parallel(n_jobs=-1)]: Done 9951 tasks      | elapsed: 101.2min
[Parallel(n_jobs=-1)]: Done 10092 tasks     | elapsed: 103.1min
[Parallel(n_jobs=-1)]: Done 10235 tasks     | elapsed: 104.0min
[Parallel(n_jobs=-1)]: Done 10378 tasks     | elapsed: 104.9min
[Parallel(n_jobs=-1)]: Done 10523 tasks     | elapsed: 105.9min
[Parallel(n_jobs=-1)]: Done 10668 tasks     | elapsed: 106.9min
[Parallel(n_jobs=-1)]: Done 10815 tasks     | elapsed: 108.5min
[Parallel(n_jobs=-1)]: Done 10962 tasks     | elapsed: 109.9min
[Parallel(n_jobs=-1)]: Done 11111 tasks     | elapsed: 111.4min
[Parallel(n_jobs=-1)]: Done 11260 tasks     | elapsed: 112.9min
[Parallel(n_jobs=-1)]: Done 11411 tasks     | elapsed: 114.8min
[Parallel(n_jobs=-1)]: Done 11562 tasks     | elapsed: 116.6min
[Parallel(n_jobs=-1)]: Done 11715 tasks     | elapsed: 118.6min

```

CPU times: user 1min 47s, sys: 5.76 s, total: 1min 52s

Wall time: 1h 59min 18s

```

[Parallel(n_jobs=-1)]: Done 11760 out of 11760 | elapsed: 119.3min finished

```

```

[ ]: print (random_reg.best_params_)
      #print (random_reg.best_score_)
      #print("r2 score (training): {0:.3f}".format(gbr_reg.score(x_train, y_train)))

```

```

{'learning_rate': 0.1, 'max_depth': 3, 'min_samples_leaf': 2,
 'min_samples_split': 15, 'n_estimators': 20}

```

```

[ ]: train_X, val_X, train_y, val_y =_
      ↪train_test_split(x_train,y_train,random_state=1,test_size=0.2)

```

LINEAR REGRESSION

```

[ ]: from sklearn.linear_model import LinearRegression
      from sklearn.metrics import mean_squared_error as mse, r2_score
      from sklearn.ensemble import GradientBoostingRegressor
      from sklearn.model_selection import RandomizedSearchCV, GridSearchCV
      from tqdm import tqdm

      lr = LinearRegression(n_jobs=-1)
      modl = lr.fit(x_train, y_train)

```

```

train_pred = lr.predict(x_train)
val_pred = lr.predict(val_X)
print(f"rmse score (training): {np.sqrt(mse(y_train,train_pred,
→squared=False))}")
print(f"r2 score sklearn score (training): {r2_score(y_train,train_pred)}")

print('-----')
print(f"rmse score (cv): {np.sqrt(mse(val_y,val_pred, squared=False))}")
print(f"r2 score sklearn score (cv): {r2_score(val_y,val_pred)}")

```

```

rmse score (training): 50.03365712149245
r2 score sklearn score (training): 0.1762496990568525
-----
rmse score (cv): 51.73018505221715
r2 score sklearn score (cv): 0.17071143305732916

```

GBDT

```

[ ]: gbr_reg = GradientBoostingRegressor(learning_rate= 0.01, max_depth = 3,
→min_samples_leaf = 5, min_samples_split = 10, n_estimators = 10, verbose=1)
gbr_reg.fit(train_X, train_y)

print(f"r2 score (training): {gbr_reg.score(train_X, train_y)}")

train_pred = gbr_reg.predict(train_X)
val_pred = gbr_reg.predict(val_X)
print(f"rmse score (training): {np.sqrt(mse(train_y,train_pred,
→squared=False))}")
print(f"r2 score sklearn score (training): {r2_score(train_y,train_pred)}")

print('-----')
print(f"rmse score (cv): {np.sqrt(mse(val_y,val_pred, squared=False))}")
print(f"r2 score sklearn score (cv): {r2_score(val_y,val_pred)}")

```

Iter	Train Loss	Remaining Time
1	7323229.7116	0.06s
2	7296402.3728	0.04s
3	7270105.3414	0.03s
4	7244331.0213	0.03s
5	7218815.2089	0.02s
6	7193807.1612	0.02s
7	7169296.7736	0.01s
8	7145274.1427	0.01s
9	7121729.5622	0.00s
10	7098653.5188	0.00s

```

r2 score (training): 0.034275865240909864
rmse score (training): 51.617146804326886
r2 score sklearn score (training): 0.034275865240909864

```

```
-----  
rmse score (cv): 53.813983873318456  
r2 score sklearn score (cv): 0.028796750067614507
```

```
[ ]: import pickle  
pickle.dump((gbr_reg), open('/content/gdrive/MyDrive/cs2/data/imgonly_gbr_model.  
    ↳pk1', 'wb'))
```

```
###predicting all 4 model dataset (vgg19, resnet, mobilenet, custom architecture)
```

```
[ ]: gbr_reg.predict(x_test1)
```

```
[ ]: array([4119.4814248 , 4071.46727414, 4114.24266862, 4071.46727414,  
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```

```
[ ]: gbr_reg.predict(x_test2)
```

```

[ ]: array([4119.4814248 , 4071.46727414, 4114.24266862, 4071.46727414,
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4119.4814248 , 4114.24266862, 4114.24266862, 4135.59978379])

```

#TRANSFER LEARNING REGRESSION (PART-2)

```

[ ]: def ohe_transform_inter(array, label, dataframe):

    '''takes array : one-hot encoded columns,
        labels: names to be given to array
        returns : final dataframe after concatating one hot columns with rest of
        →features and dropping some of them not usefull'''

    ohe_df = pd.DataFrame(array, columns=label)
    final = pd.concat([dataframe, ohe_df], axis=1)
    final.drop(['Unnamed: 0', 'Image_path', 'Insurance_company', 'Expiry_date'],
    →axis=1, inplace=True)

    return final

```

```

[ ]: def ohe_transform(train, test1, column):

    '''takes train, test1 : dataframe of each,
        column           : columns having categorical data,
        returns           : dataframe with one-hot encoded columns of categorical
        →data'''

    ohe = OneHotEncoder(categories='auto')
    train_array = ohe.fit_transform(train[column].values.reshape(-1,1)).toarray()
    test_arr1 = ohe.transform(test1[column].values.reshape(-1,1)).toarray()

    feature_labels = ohe.categories_
    feature_labels = np.array(feature_labels).ravel()

    final_train = ohe_transform_inter(train_array, feature_labels, x_train_data_cmnn)
    final_test_1 = ohe_transform_inter(test_arr1, feature_labels, test_data_f)

    return final_train, final_test_1

```

```

[ ]: def min_max_scaler(data, test1):

```



```

'''takes data : dataframe of train,
    test1 : dataframe of test,
    return: standardized dataframe, for train and test apart from columns_
→in col_con.'''

col_con = ['lux_seg', 'med_seg', 'budget_seg',
→'insuran_pd', 'low_expire', 'med_expire', 'hig_expire', 'cost_grt
→'Amount']

for i in data.columns:
    if i not in col_con:
        sc = StandardScaler()
        data[i] = sc.fit_transform(data[i].values.reshape(-1,1))
        test1[i] = sc.transform(test1[i].values.reshape(-1,1))

return data, test1

```

0.1 transfer learning vgg19

```
[ ]: x_train_data_cmn = pd.read_csv('train_model_1_transfer_learning.csv')
x_train_data_cmn.head(3)
```

```
[ ]:
```

	Unnamed: 0	index	Image_path	Insurance_company	Cost_of_vehicle	\
0	0	953	img_453456.jpg	A	53400.0	
1	1	618	img_4517650.jpg	AC	25900.0	
2	2	81	img_7768013.jpg	RE	42000.0	

	Min_coverage	Expiry_date	Max_coverage	year	month	...	54	\
0	1335.0	2028-10-20	46495.68	2028	10	...	39.895950	
1	647.5	2026-05-24	6553.00	2026	5	...	40.613640	
2	1050.0	2024-05-25	10578.00	2024	5	...	42.473633	

	55	56	57	58	59	60	61	\
0	34.539722	37.03552	32.844350	41.768540	47.156190	46.711674	33.931130	
1	35.106697	37.96946	33.537346	42.463974	47.751526	47.465668	34.836063	
2	37.358727	39.21809	35.000290	44.375960	50.691307	50.196190	36.214184	

	62	63
0	30.958881	39.097256
1	31.988354	39.845398
2	33.276928	41.858864

[3 rows x 92 columns]

```
[ ]: test_data_f = pd.read_csv('test_model_1_transfer_learning.csv')
test_data_f.head(3)
```

```
[ ]: Unnamed: 0      Image_path Insurance_company Cost_of_vehicle \
0          0  img_4538519.jpg                B          23600
1          1  img_7766002.jpg                C          28300
2          2  img_4637390.jpg               AC          43700

      Min_coverage Expiry_date  Max_coverage  year  month  month_day  ... \
0          590.0   2025-04-12         5978.0  2025     4         12  ...
1          707.5   2028-08-24         7153.0  2028     8         24  ...
2         1092.5   2023-11-28        11003.0  2023    11         28  ...

      54      55      56      57      58      59      60 \
0  40.047245  34.185380  37.023006  32.816990  41.119778  46.814854  47.07986
1  41.683310  35.709720  38.610798  34.121190  43.394394  48.993317  47.86002
2  41.679962  36.259834  38.787094  34.712536  43.093980  49.884445  49.52427

      61      62      63
0  34.276610  30.842620  39.03749
1  35.156986  32.140083  40.51755
2  35.824460  32.535915  41.52005
```

[3 rows x 89 columns]

```
[ ]: final_train.columns
final_train.drop(['index', 'index.1'], axis=1, inplace=True)
```

```
[ ]: final_train, final_test_1 = ohe_transform(x_train_data_cmn, test_data_f,
↳ 'Insurance_company')
```

```
[ ]: x_train, x_test1, = min_max_scaler(final_train, final_test_1)
```

```
[ ]: y_train = x_train['Amount']
x_train.drop(['Amount'], axis=1, inplace=True)
x_train.head(3)
```

```
[ ]: Cost_of_vehicle  Min_coverage  Max_coverage      year      month  month_day \
0          1.847890          1.847890      5.093557  1.463913  0.914948  0.504673
1         -1.336807         -1.336807     -0.660440  0.519910 -0.486730  0.971938
2          0.527688          0.527688     -0.080614 -0.424093 -0.486730  1.088755

      yr_day  week_day  week_no  lux_seg  ...      AA      AC      B \
0  0.960015  0.531612  0.934888         1  ... -0.310475 -0.304908 -0.343955
1 -0.419247  1.538686 -0.417055         0  ... -0.310475  3.279680 -0.343955
2 -0.400857  1.035149 -0.417055         0  ... -0.310475 -0.304908 -0.343955
```

	BB	BC	BQ	C	DA	O	RE
0	-0.311857	-0.3077	-0.321422	-0.321422	-0.317345	-0.314609	-0.300688
1	-0.311857	-0.3077	-0.321422	-0.321422	-0.317345	-0.314609	-0.300688
2	-0.311857	-0.3077	-0.321422	-0.321422	-0.317345	-0.314609	3.325710

[3 rows x 96 columns]

```
[ ]: x_test1.head(3)
```

```
[ ]: Cost_of_vehicle  Min_coverage  Max_coverage    year    month  month_day \
0      -1.603163      -1.603163      -0.743273  0.047909 -0.767066  -0.429857
1      -1.058870      -1.058870      -0.574007  1.463913  0.354277   0.971938
2       0.724560       0.724560      -0.019390 -0.896094  1.195284   1.439203
```

	yr_day	week_day	week_no	lux_seg	...	AA	AC	B	\
0	-0.805440	1.035149	-0.803324	0	...	-0.310475	-0.304908	2.907353	
1	0.435895	0.028074	0.419862	0	...	-0.310475	-0.304908	-0.343955	
2	1.309428	-0.979001	1.321157	0	...	-0.310475	3.279680	-0.343955	

	BB	BC	BQ	C	DA	O	RE
0	-0.311857	-0.3077	-0.321422	-0.321422	-0.317345	-0.314609	-0.300688
1	-0.311857	-0.3077	-0.321422	3.111172	-0.317345	-0.314609	-0.300688
2	-0.311857	-0.3077	-0.321422	-0.321422	-0.317345	-0.314609	-0.300688

[3 rows x 96 columns]

```
[ ]: y_train = x_train_data_cm[n]['Amount']
```

```
[ ]: %%time
from sklearn.ensemble import GradientBoostingRegressor
from sklearn.model_selection import RandomizedSearchCV, GridSearchCV
from tqdm import tqdm

gbr = GradientBoostingRegressor()

params = {
    'learning_rate' : [0.05, 0.075, 0.1, 0.25, 0.5, 0.75, 1],
    'n_estimators' : [10, 20, 50, 100, 200, 250, 500],
    'min_samples_split' : [2,5,10,15],
    'min_samples_leaf' : [2,5,8,10],
    'max_depth' : [3,5,8]
}

random_reg=GridSearchCV(gbr, param_grid=params, verbose=10, cv = 5, scoring =_
    ->'neg_root_mean_squared_error', return_train_score = True, n_jobs=-1)
model_rg = random_reg.fit(x_train, y_train)
```

Fitting 5 folds for each of 2352 candidates, totalling 11760 fits

[CV 3/5; 1/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2536.518, test=-2791.185)
total time= 0.3s

[CV 1/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2413.922, test=-2401.307)
total time= 1.5s

[CV 4/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2204.694, test=-2574.712)
total time= 3.1s

[CV 2/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1891.159, test=-2422.321)
total time= 8.7s

[CV 5/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1291.537, test=-2854.138)
total time= 30.5s

[CV 3/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1781.342, test=-2788.794)
total time= 15.3s

[CV 1/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2609.784, test=-2473.595)
total time= 0.6s

[CV 2/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2639.701, test=-2382.636)
total time= 0.6s

[CV 3/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2536.518, test=-2791.185)
total time= 0.6s

[CV 5/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

```

[CV 5/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2532.397, test=-2771.325)
total time= 0.6s
[CV 2/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2564.633, test=-2327.142)
total time= 1.2s
[CV 4/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2494.264, test=-2572.737)
total time= 1.2s
[CV 2/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2451.629, test=-2325.670)
total time= 3.0s
[CV 5/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2334.753, test=-2680.753)
total time= 3.0s
[CV 3/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2203.669, test=-2734.150)
total time= 6.1s
[CV 1/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1967.808, test=-2447.588)
total time= 12.2s
[CV 3/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1822.661, test=-2786.847)
total time= 15.4s
[CV 1/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2609.784, test=-2473.905)
total time= 0.6s
[CV 3/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2536.518, test=-2791.185)
total time= 0.6s

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[CV 5/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2532.397, test=-2771.325)
total time= 0.6s
[CV 2/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2564.633, test=-2324.949)
total time= 1.3s
[CV 5/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2457.075, test=-2721.438)
total time= 1.2s
[CV 3/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2359.725, test=-2712.574)
total time= 3.1s
[CV 1/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2257.042, test=-2419.160)
total time= 6.2s
[CV 4/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2215.449, test=-2577.669)
total time= 6.2s
[CV 3/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1936.846, test=-2768.695)
total time= 12.3s
[CV 1/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1387.901, test=-2526.326)
total time= 30.9s
[CV 4/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1906.990, test=-2622.915)
total time= 12.2s
[CV 2/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500[CV 5/5; 1/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=10

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[CV 5/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2532.397, test=-2771.325)
total time= 0.3s
[CV 3/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2348.053, test=-2714.265)
total time= 1.5s
[CV 1/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1953.540, test=-2451.574)
total time= 6.6s
[CV 5/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1783.113, test=-2781.322)
total time= 12.2s
[CV 5/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2455.386, test=-2719.900)
total time= 1.2s
[CV 3/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2346.971, test=-2714.124)
total time= 3.0s
[CV 1/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2236.259, test=-2412.414)
total time= 6.1s
[CV 4/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2204.725, test=-2574.220)
total time= 6.1s
[CV 3/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1893.108, test=-2767.810)
total time= 12.3s
[CV 1/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1305.595, test=-2541.821)
total time= 30.3s

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[CV 2/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=200
 [CV 2/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=200;; score=(train=-2032.808, test=-2395.718)
 total time= 11.9s
 [CV 5/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=250
 [CV 5/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=250;; score=(train=-1796.303, test=-2798.150)
 total time= 15.6s
 [CV 4/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=20
 [CV 4/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=20;; score=(train=-2494.264, test=-2572.737)
 total time= 1.2s
 [CV 2/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=50
 [CV 2/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=50;; score=(train=-2457.004, test=-2322.911)
 total time= 3.1s
 [CV 5/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=50
 [CV 5/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=50;; score=(train=-2338.317, test=-2691.752)
 total time= 3.1s
 [CV 3/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=100
 [CV 3/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=100;; score=(train=-2209.619, test=-2728.809)
 total time= 6.1s
 [CV 1/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200
 [CV 1/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200;; score=(train=-1984.093, test=-2455.391)
 total time= 12.3s
 [CV 4/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=250
 [CV 4/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=250;; score=(train=-1804.254, test=-2618.274)
 total time= 15.3s
 [CV 5/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=10
 [CV 5/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=10;; score=(train=-2538.863, test=-2758.795)
 total time= 0.6s
 [CV 2/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20
 [CV 2/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,


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min_samples_split=2, n_estimators=20;; score=(train=-2566.465, test=-2325.726)
total time= 1.2s
[CV 4/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2492.993, test=-2572.573)
total time= 1.2s
[CV 2/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2461.018, test=-2323.063)
total time= 3.0s
[CV 5/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2341.762, test=-2669.811)
total time= 3.0s
[CV 3/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2198.934, test=-2743.179)
total time= 6.1s
[CV 1/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1956.421, test=-2473.636)
total time= 12.1s
[CV 4/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1777.111, test=-2648.937)
total time= 15.2s
[CV 3/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2536.518, test=-2791.185)
total time= 0.6s
[CV 5/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2538.863, test=-2758.795)
total time= 0.6s
[CV 2/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2566.465, test=-2331.653)
total time= 1.2s[CV 1/5; 2/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=20

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[CV 1/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2531.778, test=-2415.455)
total time= 0.6s
[CV 4/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2384.827, test=-2556.241)
total time= 1.5s
[CV 2/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2013.243, test=-2413.890)
total time= 6.3s
[CV 4/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1763.260, test=-2629.045)
total time= 11.8s
[CV 4/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2493.672, test=-2574.294)
total time= 1.2s
[CV 2/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2445.823, test=-2326.257)
total time= 3.0s
[CV 5/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2334.753, test=-2684.375)
total time= 3.0s
[CV 3/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2194.381, test=-2723.208)
total time= 6.0s
[CV 1/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1963.483, test=-2460.836)
total time= 12.2s
[CV 4/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1781.361, test=-2612.167)
total time= 15.3s

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[CV 4/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2574.602, test=-2623.309)
total time= 0.6s
[CV 1/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2532.144, test=-2415.792)
total time= 1.2s
[CV 3/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2456.948, test=-2739.014)
total time= 1.2s
[CV 1/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2417.534, test=-2404.672)
total time= 3.0s
[CV 4/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2389.822, test=-2556.028)
total time= 3.1s
[CV 2/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2306.321, test=-2354.728)
total time= 6.2s
[CV 5/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2192.381, test=-2720.510)
total time= 6.2s
[CV 1/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1842.673, test=-2467.230)
total time= 15.3s
[CV 4/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1293.525, test=-2722.785)
total time= 30.9s
[CV 2/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250;; score=(train=-1905.971, test=-2426.356)
total time= 15.4s
[CV 5/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1359.100, test=-2895.479)
total time= 30.7s
[CV 3/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1793.520, test=-2799.331)
total time= 15.3s
[CV 1/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2609.870, test=-2474.262)
total time= 0.6s
[CV 2/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2640.126, test=-2380.857)
total time= 0.6s
[CV 4/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2573.061, test=-2622.906)
total time= 0.6s
[CV 1/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2531.977, test=-2421.097)
total time= 1.2s
[CV 3/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2454.665, test=-2743.137)
total time= 1.2s
[CV 1/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2417.824, test=-2402.735)
total time= 3.0s
[CV 4/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2381.220, test=-2554.327)
total time= 3.0s[CV 2/5; 1/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=10

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[CV 2/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2639.537, test=-2382.551)
total time= 0.3s
[CV 5/5; 2/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2455.386, test=-2719.968)
total time= 0.6s
[CV 3/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2190.755, test=-2732.380)
total time= 3.0s
[CV 1/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1834.284, test=-2461.943)
total time= 9.3s
[CV 4/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1257.148, test=-2732.874)
total time= 30.2s
[CV 2/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1880.397, test=-2431.705)
total time= 15.2s
[CV 5/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1292.612, test=-2881.794)
total time= 30.5s
[CV 4/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1794.556, test=-2622.329)
total time= 15.2s
[CV 2/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2639.701, test=-2378.422)
total time= 0.6s
[CV 4/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2574.602, test=-2623.309)
total time= 0.6s

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[CV 1/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2532.144, test=-2415.770)
total time= 1.2s
[CV 3/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2456.948, test=-2738.998)
total time= 1.1s
[CV 1/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2417.688, test=-2404.041)
total time= 3.0s
[CV 4/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2392.137, test=-2552.921)
total time= 3.1s
[CV 2/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2317.000, test=-2348.374)
total time= 6.1s
[CV 5/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2194.495, test=-2732.170)
total time= 6.1s
[CV 1/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1880.879, test=-2454.170)
total time= 15.3s
[CV 4/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1298.128, test=-2728.311)
total time= 30.5s
[CV 2/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1890.423, test=-2404.872)
total time= 15.2s
[CV 5/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500;; score=(train=-1328.227, test=-2805.202)
total time= 30.4s
[CV 3/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1793.520, test=-2798.685)
total time= 15.2s
[CV 1/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2609.870, test=-2474.262)
total time= 0.6s
[CV 2/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2640.126, test=-2378.587)
total time= 0.6s
[CV 3/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2536.518, test=-2791.185)
total time= 0.6s
[CV 4/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2573.061, test=-2622.906)
total time= 0.6s
[CV 1/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2531.977, test=-2420.549)
total time= 1.2s
[CV 3/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2454.665, test=-2743.137)
total time= 1.2s
[CV 1/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2417.824, test=-2402.888)
total time= 3.0s
[CV 4/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50[CV 4/5; 1/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 4/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2574.602, test=-2623.309)
total time= 0.3s

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[CV 2/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2445.746, test=-2329.579)
total time= 1.5s
[CV 5/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2180.320, test=-2724.878)
total time= 3.2s
[CV 3/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1781.663, test=-2779.656)
total time= 9.5s
[CV 1/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2609.784, test=-2473.595)
total time= 0.6s
[CV 2/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2639.537, test=-2384.364)
total time= 0.6s
[CV 3/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2536.518, test=-2791.185)
total time= 0.6s
[CV 4/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2574.602, test=-2623.309)
total time= 0.6s
[CV 5/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2532.397, test=-2771.325)
total time= 0.6s
[CV 1/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2531.778, test=-2415.185)
total time= 1.2s
[CV 2/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=20;; score=(train=-2564.082, test=-2324.504)
total time= 1.2s
[CV 3/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2456.749, test=-2738.730)
total time= 1.2s
[CV 1/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2414.004, test=-2400.155)
total time= 3.0s
[CV 4/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2384.827, test=-2558.744)
total time= 3.0s
[CV 2/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2299.636, test=-2350.403)
total time= 6.1s
[CV 5/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2191.022, test=-2722.769)
total time= 6.1s
[CV 4/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1911.855, test=-2596.570)
total time= 12.2s
[CV 2/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1362.721, test=-2495.061)
total time= 30.4s
[CV 4/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1922.214, test=-2594.316)
total time= 12.1s
[CV 2/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1395.063, test=-2477.930)
total time= 30.6s
[CV 4/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 4/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1930.770, test=-2602.046)
total time= 12.1s
[CV 2/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1431.307, test=-2473.409)
total time= 30.4s
[CV 3/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1914.753, test=-2780.000)
total time= 12.1s
[CV 1/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1338.927, test=-2541.415)
total time= 30.2s
[CV 2/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2024.338, test=-2381.723)
total time= 12.1s
[CV 5/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1799.576, test=-2751.546)
total time= 15.1s
[CV 5/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2462.278, test=-2699.684)
total time= 1.2s
[CV 3/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2346.509, test=-2718.640)
total time= 3.0s
[CV 1/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2239.242, test=-2438.021)
total time= 6.0s[CV 1/5; 1/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 1/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2609.784, test=-2473.595)
total time= 0.3s

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[CV 4/5; 2/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2493.672, test=-2574.097)
total time= 0.6s
[CV 2/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2303.418, test=-2351.508)
total time= 3.1s
[CV 5/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1912.083, test=-2773.545)
total time= 7.0s
[CV 3/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1293.769, test=-2857.772)
total time= 29.0s
[CV 1/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1847.256, test=-2477.323)
total time= 15.1s
[CV 4/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1265.044, test=-2715.032)
total time= 30.2s
[CV 2/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1911.225, test=-2420.133)
total time= 15.2s
[CV 5/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1334.071, test=-2877.764)
total time= 30.4s
[CV 3/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1825.502, test=-2795.012)
total time= 15.2s
[CV 1/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-2609.870, test=-2474.262)
total time= 0.6s
[CV 2/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2640.126, test=-2377.608)
total time= 0.6s
[CV 3/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2536.518, test=-2791.185)
total time= 0.6s
[CV 4/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2573.061, test=-2622.906)
total time= 0.6s
[CV 1/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2531.977, test=-2420.808)
total time= 1.2s
[CV 3/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2454.665, test=-2743.461)
total time= 1.2s
[CV 1/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2417.824, test=-2402.925)
total time= 2.9s
[CV 4/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2381.220, test=-2554.205)
total time= 3.0s
[CV 2/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2314.900, test=-2347.886)
total time= 6.0s
[CV 5/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2192.871, test=-2693.204)
total time= 6.0s
[CV 1/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 1/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1838.421, test=-2483.322)
total time= 15.1s
[CV 4/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1281.561, test=-2744.203)
total time= 30.2s
[CV 2/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1890.423, test=-2403.895)
total time= 15.3s
[CV 5/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1328.227, test=-2813.738)
total time= 30.6s
[CV 3/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1793.520, test=-2800.070)
total time= 15.2s
[CV 1/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2609.870, test=-2474.262)
total time= 0.6s
[CV 2/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2640.126, test=-2381.453)
total time= 0.6s
[CV 3/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2536.518, test=-2791.185)
total time= 0.6s
[CV 4/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2573.061, test=-2622.906)
total time= 0.6s[CV 2/5; 2/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 2/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2564.082, test=-2328.089)
total time= 0.6s

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[CV 5/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2334.467, test=-2684.629)
total time= 1.5s
[CV 3/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1897.086, test=-2771.840)
total time= 6.7s
[CV 1/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1318.290, test=-2523.056)
total time= 27.7s
[CV 2/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2018.199, test=-2408.726)
total time= 12.2s
[CV 5/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1784.807, test=-2820.448)
total time= 15.2s
[CV 5/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2455.386, test=-2720.489)
total time= 1.2s
[CV 3/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2352.302, test=-2714.901)
total time= 3.0s
[CV 1/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2251.646, test=-2418.996)
total time= 6.1s
[CV 4/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2204.497, test=-2572.184)
total time= 6.2s
[CV 3/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200;; score=(train=-1931.161, test=-2771.328)
total time= 12.2s
[CV 1/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1335.847, test=-2517.666)
total time= 30.6s
[CV 2/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2034.084, test=-2399.755)
total time= 12.2s
[CV 5/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1811.180, test=-2808.473)
total time= 15.3s
[CV 5/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2462.278, test=-2699.653)
total time= 1.2s
[CV 3/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2346.509, test=-2719.432)
total time= 3.0s
[CV 1/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2239.242, test=-2437.814)
total time= 6.1s
[CV 4/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2196.760, test=-2572.414)
total time= 6.0s
[CV 2/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2024.338, test=-2384.520)
total time= 12.1s
[CV 5/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1799.576, test=-2749.974)
total time= 15.2s
[CV 5/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20
[CV 5/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2462.278, test=-2699.204)
total time= 1.2s
[CV 3/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2346.509, test=-2718.474)
total time= 3.0s
[CV 1/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2239.242, test=-2437.893)
total time= 6.1s
[CV 4/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2196.760, test=-2570.774)
total time= 6.1s
[CV 5/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1922.828, test=-2735.509)
total time= 12.2s
[CV 3/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1314.084, test=-2864.985)
total time= 30.4s
[CV 5/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1922.828, test=-2733.184)
total time= 12.3s
[CV 3/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1314.084, test=-2863.214)
total time= 30.5s
[CV 4/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2492.993, test=-2572.573)
total time= 1.2s
[CV 2/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

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[CV 2/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2461.018, test=-2318.923)
total time= 3.0s
[CV 5/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2341.762, test=-2667.621)
total time= 3.1s
[CV 3/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2198.934, test=-2742.490)
total time= 6.1s
[CV 1/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1956.421, test=-2473.079)
total time= 12.3s
[CV 4/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1777.111, test=-2652.262)
total time= 15.6s
[CV 5/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2538.863, test=-2758.795)
total time= 0.6s
[CV 2/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2566.465, test=-2332.411)
total time= 1.2s
[CV 4/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2492.993, test=-2572.573)
total time= 1.2s
[CV 2/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2461.018, test=-2317.127)
total time= 3.0s
[CV 5/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2341.762, test=-2668.996)
total time= 3.0s

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[CV 3/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2198.934, test=-2742.222)
total time= 6.1s
[CV 1/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1956.421, test=-2473.527)
total time= 12.2s
[CV 4/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1777.111, test=-2648.244)
total time= 15.3s
[CV 5/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2538.863, test=-2758.795)
total time= 0.6s
[CV 2/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2566.465, test=-2332.045)
total time= 1.2s
[CV 4/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2492.993, test=-2572.573)
total time= 1.2s
[CV 2/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2460.719, test=-2322.248)
total time= 3.1s
[CV 5/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2343.525, test=-2670.148)
total time= 3.1s
[CV 3/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2204.256, test=-2744.533)
total time= 6.1s
[CV 1/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-1982.530, test=-2474.378)
total time= 12.2s
[CV 4/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1797.973, test=-2634.923)
total time= 15.3s
[CV 4/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2574.284, test=-2625.531)
total time= 0.6s
[CV 1/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2530.699, test=-2421.591)
total time= 1.2s
[CV 3/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2455.808, test=-2740.238)
total time= 1.2s
[CV 1/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2413.262, test=-2412.833)
total time= 3.1s
[CV 4/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2382.782, test=-2554.123)
total time= 3.1s
[CV 2/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2311.471, test=-2338.702)
total time= 6.2s
[CV 5/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100[CV 3/5; 2/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2456.749, test=-2739.333)
total time= 0.6s
[CV 1/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2240.097, test=-2414.353)
total time= 3.0s

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[CV 4/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1896.993, test=-2599.347)
total time= 6.8s
[CV 2/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1393.104, test=-2474.820)
total time= 29.3s
[CV 5/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1905.451, test=-2786.691)
total time= 12.2s
[CV 3/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1301.155, test=-2896.102)
total time= 30.7s
[CV 5/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1921.985, test=-2779.953)
total time= 12.2s
[CV 3/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1339.831, test=-2849.388)
total time= 30.6s
[CV 5/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1928.647, test=-2792.003)
total time= 12.2s
[CV 3/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1365.762, test=-2864.477)
total time= 30.6s
[CV 5/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1922.828, test=-2735.360)
total time= 12.2s
[CV 3/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500;; score=(train=-1314.084, test=-2866.246)
total time= 30.4s
[CV 4/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1906.990, test=-2620.875)
total time= 12.1s
[CV 2/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1411.954, test=-2449.073)
total time= 30.4s
[CV 3/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1914.753, test=-2781.114)
total time= 12.2s
[CV 5/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1799.576, test=-2755.777)
total time= 15.3s
[CV 1/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2418.158, test=-2404.640)
total time= 3.0s
[CV 4/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2377.101, test=-2555.155)
total time= 3.0s
[CV 2/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2338.930, test=-2344.079)
total time= 6.1s
[CV 5/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2206.058, test=-2696.736)
total time= 6.1s
[CV 1/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1845.323, test=-2493.004)
total time= 15.2s
[CV 4/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500
[CV 4/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1309.933, test=-2738.136)
total time= 30.6s
[CV 2/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1905.655, test=-2401.113)
total time= 15.2s
[CV 5/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1362.605, test=-2816.900)
total time= 30.5s
[CV 3/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1848.027, test=-2819.110)
total time= 15.2s
[CV 1/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2609.964, test=-2476.701)
total time= 0.6s
[CV 2/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2640.294, test=-2379.883)
total time= 0.6s
[CV 3/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2536.898, test=-2790.045)
total time= 0.6s
[CV 5/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2314.900, test=-2345.666)
total time= 6.1s
[CV 5/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2192.871, test=-2693.857)
total time= 6.1s
[CV 1/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

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[CV 1/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1838.421, test=-2483.570)
total time= 15.1s
[CV 4/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1281.561, test=-2741.379)
total time= 30.3s
[CV 2/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1890.423, test=-2407.421)
total time= 15.3s
[CV 5/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1313.910, test=-2825.428)
total time= 30.4s
[CV 3/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1825.183, test=-2782.907)
total time= 15.3s
[CV 1/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2609.964, test=-2476.395)
total time= 0.6s
[CV 2/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2640.294, test=-2379.776)
total time= 0.6s
[CV 3/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2536.898, test=-2790.045)
total time= 0.6s
[CV 5/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2541.431, test=-2759.894)
total time= 0.6s
[CV 2/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2565.052, test=-2327.851)
total time= 1.2s

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[CV 4/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2491.563, test=-2569.740)
total time= 1.2s
[CV 2/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2453.801, test=-2313.172)
total time= 2.9s
[CV 5/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2348.292, test=-2679.813)
total time= 3.0s
[CV 3/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2194.432, test=-2736.127)
total time= 5.9s
[CV 1/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2003.809, test=-2479.784)
total time= 12.1s
[CV 4/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1825.773, test=-2636.471)
total time= 15.1s
[CV 2/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2640.294, test=-2375.492)
total time= 0.6s
[CV 4/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2574.284, test=-2625.531)
total time= 0.6s
[CV 1/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2530.699, test=-2421.351)
total time= 1.2s
[CV 4/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-2491.563, test=-2569.740)
total time= 1.2s
[CV 2/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2453.801, test=-2313.412)
total time= 3.0s
[CV 5/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2348.293, test=-2679.957)
total time= 3.1s
[CV 3/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2194.431, test=-2735.513)
total time= 6.0s
[CV 1/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2003.948, test=-2483.874)
total time= 12.1s
[CV 4/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1825.773, test=-2637.159)
total time= 15.2s
[CV 4/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2574.284, test=-2625.531)
total time= 0.6s
[CV 1/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2530.699, test=-2421.351)
total time= 1.2s
[CV 4/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1921.251, test=-2602.639)
total time= 12.2s
[CV 2/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1458.341, test=-2440.353)
total time= 30.6s
[CV 3/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200;; score=(train=-1948.510, test=-2798.121)
total time= 12.1s
[CV 1/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1416.528, test=-2602.396)
total time= 30.4s
[CV 2/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2037.481, test=-2396.307)
total time= 12.1s
[CV 5/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1812.734, test=-2770.273)
total time= 15.1s
[CV 4/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2491.563, test=-2569.740)
total time= 1.2s
[CV 2/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2453.801, test=-2311.807)
total time= 3.0s
[CV 5/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2348.293, test=-2679.935)
total time= 3.0s
[CV 3/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2194.431, test=-2736.286)
total time= 6.0s
[CV 1/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2000.062, test=-2492.998)
total time= 12.2s
[CV 4/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1825.773, test=-2634.466)
total time= 15.1s
[CV 3/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=10
[CV 3/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2536.898, test=-2790.045)
total time= 0.6s
[CV 5/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2541.431, test=-2759.894)
total time= 0.6s
[CV 2/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2565.052, test=-2326.176)
total time= 1.2s
[CV 4/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2491.563, test=-2569.740)
total time= 1.2s
[CV 2/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2453.801, test=-2309.013)
total time= 3.0s
[CV 5/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2348.293, test=-2679.950)
total time= 3.0s
[CV 3/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2194.431, test=-2736.609)
total time= 6.0s
[CV 1/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2008.943, test=-2478.248)
total time= 12.1s
[CV 4/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1825.773, test=-2637.004)
total time= 15.0s
[CV 3/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2536.909, test=-2789.349)

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total time= 0.6s
[CV 5/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2542.761, test=-2759.212)
total time= 0.6s
[CV 2/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2566.533, test=-2331.473)
total time= 1.2s
[CV 5/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2467.025, test=-2700.735)
total time= 1.2s
[CV 3/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2364.692, test=-2723.290)
total time= 3.0s
[CV 1/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2249.603, test=-2436.174)
total time= 6.0s
[CV 4/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2218.248, test=-2567.662)
total time= 6.0s
[CV 5/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1942.444, test=-2729.337)
total time= 12.0s
[CV 2/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1411.954, test=-2448.262)
total time= 30.6s
[CV 3/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1914.753, test=-2778.802)
total time= 12.2s
[CV 1/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1338.927, test=-2542.843)

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total time= 30.7s
[CV 2/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2024.338, test=-2382.682)
total time= 12.3s
[CV 1/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1338.927, test=-2541.601)
total time= 30.5s
[CV 3/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1939.758, test=-2771.065)
total time= 12.2s
[CV 1/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1374.559, test=-2554.636)
total time= 30.7s
[CV 2/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2029.082, test=-2393.939)
total time= 12.3s
[CV 5/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1812.735, test=-2768.667)
total time= 15.0s
[CV 3/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2455.808, test=-2740.788)
total time= 1.2s
[CV 1/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2413.259, test=-2412.234)
total time= 3.0s
[CV 4/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2382.782, test=-2554.663)
total time= 3.0s
[CV 2/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

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[CV 2/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2311.474, test=-2339.137)
total time= 6.0s
[CV 5/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2201.273, test=-2705.314)
total time= 6.0s
[CV 1/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1898.408, test=-2512.490)
total time= 15.1s
[CV 4/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1359.809, test=-2766.228)
total time= 30.1s
[CV 2/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1905.655, test=-2400.233)
total time= 15.1s
[CV 5/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1374.759, test=-2839.531)
total time= 30.4s
[CV 3/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1848.026, test=-2816.503)
total time= 15.0s
[CV 1/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2610.044, test=-2478.837)
total time= 0.6s
[CV 2/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2640.236, test=-2382.939)
total time= 0.6s
[CV 4/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2575.785, test=-2625.350)
total time= 0.6s

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[CV 1/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20
 [CV 1/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20;; score=(train=-2532.941, test=-2427.240)
 total time= 1.2s
 [CV 4/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20
 [CV 4/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20;; score=(train=-2493.065, test=-2569.211)
 total time= 1.2s
 [CV 2/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50
 [CV 2/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50;; score=(train=-2458.773, test=-2319.126)
 total time= 3.0s
 [CV 5/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50
 [CV 5/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50;; score=(train=-2356.779, test=-2670.311)
 total time= 3.0s
 [CV 3/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=100
 [CV 3/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=100;; score=(train=-2211.475, test=-2747.203)
 total time= 6.0s
 [CV 1/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=200
 [CV 1/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=200;; score=(train=-1994.946, test=-2489.365)
 total time= 12.0s
 [CV 3/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=250
 [CV 3/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=250;; score=(train=-1877.363, test=-2814.609)
 total time= 15.1s
 [CV 4/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=50;; score=(train=-2381.220, test=-2553.643)
 total time= 3.0s
 [CV 2/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100
 [CV 2/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100;; score=(train=-2314.900, test=-2342.126)
 total time= 6.1s
 [CV 5/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100
 [CV 5/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100;; score=(train=-2192.871, test=-2691.854)
 total time= 6.1s

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[CV 1/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1838.421, test=-2484.507)
total time= 15.2s
[CV 4/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1281.561, test=-2739.149)
total time= 30.4s
[CV 2/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1945.743, test=-2390.895)
total time= 15.3s
[CV 5/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1340.426, test=-2847.897)
total time= 30.9s
[CV 3/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1848.027, test=-2818.271)
total time= 15.2s
[CV 1/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2609.964, test=-2476.395)
total time= 0.6s
[CV 3/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2536.898, test=-2790.007)
total time= 0.6s
[CV 5/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2541.431, test=-2759.894)
total time= 0.6s
[CV 2/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2565.052, test=-2326.271)
total time= 1.2s
[CV 5/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-2469.253, test=-2702.825)
total time= 1.2s
[CV 3/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2355.535, test=-2713.172)
total time= 3.0s
[CV 1/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2245.767, test=-2439.040)
total time= 6.1s
[CV 4/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2200.504, test=-2582.418)
total time= 6.0s
[CV 5/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1919.914, test=-2752.481)
total time= 12.1s
[CV 3/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1404.550, test=-2916.344)
total time= 30.3s
[CV 4/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1936.833, test=-2621.974)
total time= 12.2s
[CV 2/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1430.106, test=-2493.836)
total time= 30.5s
[CV 3/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1948.511, test=-2799.244)
total time= 12.1s
[CV 1/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1416.080, test=-2578.394)
total time= 30.2s
[CV 2/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200
[CV 2/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2073.683, test=-2383.330)
total time= 12.1s
[CV 5/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1831.856, test=-2749.735)
total time= 15.0s
[CV 3/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2459.189, test=-2742.459)
total time= 1.2s
[CV 1/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2423.928, test=-2415.773)
total time= 3.0s
[CV 4/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2389.494, test=-2551.242)
total time= 3.0s
[CV 2/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2328.843, test=-2340.378)
total time= 6.0s
[CV 5/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2205.006, test=-2690.666)
total time= 5.8s
[CV 5/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2201.273, test=-2704.497)
total time= 6.1s
[CV 1/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1896.374, test=-2515.139)
total time= 15.2s
[CV 4/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1359.809, test=-2766.762)
total time= 30.3s
[CV 2/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 2/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1905.655, test=-2406.076)
total time= 15.2s
[CV 5/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1370.754, test=-2841.241)
total time= 30.3s
[CV 3/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1848.028, test=-2816.434)
total time= 15.3s
[CV 1/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2609.964, test=-2476.701)
total time= 0.6s
[CV 2/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2640.294, test=-2377.713)
total time= 0.6s
[CV 4/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2574.284, test=-2625.531)
total time= 0.6s
[CV 1/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2530.699, test=-2421.602)
total time= 1.2s
[CV 3/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2455.808, test=-2740.238)
total time= 1.2s
[CV 1/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2413.258, test=-2411.349)
total time= 3.0s
[CV 4/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2382.782, test=-2554.123)

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total time= 3.0s
[CV 2/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2311.471, test=-2341.233)
total time= 6.2s
[CV 5/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2201.273, test=-2706.634)
total time= 6.2s
[CV 1/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1898.408, test=-2513.408)
total time= 15.1s
[CV 4/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1359.809, test=-2765.841)
total time= 30.2s
[CV 2/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1950.672, test=-2389.884)
total time= 15.1s
[CV 5/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1415.856, test=-2801.314)
total time= 30.1s
[CV 3/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1877.363, test=-2815.198)
total time= 15.0s
[CV 1/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2610.044, test=-2478.837)
total time= 0.6s
[CV 2/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2640.236, test=-2380.983)
total time= 0.6s
[CV 4/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

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[CV 4/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2575.785, test=-2625.350)
total time= 0.6s
[CV 1/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2532.941, test=-2427.771)
total time= 1.2s
[CV 4/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2493.065, test=-2569.211)
total time= 1.2s
[CV 2/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2458.773, test=-2317.963)
total time= 3.0s
[CV 5/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2356.779, test=-2672.340)
total time= 3.1s
[CV 3/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2211.475, test=-2747.202)
total time= 6.0s
[CV 1/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1994.946, test=-2491.081)
total time= 12.1s
[CV 1/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2531.977, test=-2420.829)
total time= 1.2s
[CV 3/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2454.665, test=-2743.120)
total time= 1.2s
[CV 5/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2463.919, test=-2701.207)
total time= 1.2s

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[CV 3/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2354.652, test=-2718.368)
total time= 3.0s
[CV 1/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2242.932, test=-2431.509)
total time= 6.1s
[CV 4/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2200.102, test=-2579.857)
total time= 6.0s
[CV 5/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1933.425, test=-2735.769)
total time= 12.2s
[CV 3/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1374.823, test=-2854.240)
total time= 30.5s
[CV 4/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1936.833, test=-2620.458)
total time= 12.2s
[CV 2/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1430.106, test=-2490.906)
total time= 30.5s
[CV 3/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1948.511, test=-2799.262)
total time= 12.2s
[CV 1/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1423.326, test=-2574.132)
total time= 30.4s
[CV 2/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200;; score=(train=-2037.481, test=-2389.949)
total time= 12.2s
[CV 1/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1416.080, test=-2574.355)
total time= 30.1s
[CV 2/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2029.082, test=-2387.694)
total time= 12.0s
[CV 5/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1812.734, test=-2768.026)
total time= 15.0s
[CV 3/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2459.189, test=-2742.459)
total time= 1.2s
[CV 1/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2423.928, test=-2415.862)
total time= 3.0s
[CV 4/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2389.494, test=-2550.530)
total time= 3.0s
[CV 2/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2328.843, test=-2343.087)
total time= 6.0s
[CV 5/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2205.006, test=-2691.358)
total time= 6.0s
[CV 1/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1887.925, test=-2501.685)
total time= 15.0s
[CV 4/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500
[CV 4/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1409.534, test=-2757.687)
total time= 29.9s
[CV 2/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1950.672, test=-2389.217)
total time= 15.0s
[CV 5/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1415.856, test=-2800.707)
total time= 30.1s
[CV 3/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1877.363, test=-2815.285)
total time= 15.1s
[CV 1/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2610.044, test=-2479.144)
total time= 0.6s
[CV 2/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2640.236, test=-2384.794)
total time= 0.6s
[CV 3/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2455.808, test=-2740.277)
total time= 1.2s
[CV 1/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2413.258, test=-2412.444)
total time= 3.0s
[CV 4/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2382.782, test=-2554.123)
total time= 3.0s
[CV 2/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

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[CV 2/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2311.474, test=-2336.521)
total time= 6.1s
[CV 5/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2201.275, test=-2704.057)
total time= 6.1s
[CV 1/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1879.600, test=-2512.328)
total time= 15.1s
[CV 4/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1359.809, test=-2763.105)
total time= 30.7s
[CV 2/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1918.462, test=-2413.983)
total time= 15.2s
[CV 5/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1372.162, test=-2817.891)
total time= 30.5s
[CV 4/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1853.568, test=-2632.446)
total time= 15.2s
[CV 2/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2640.236, test=-2384.794)
total time= 0.6s
[CV 4/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2575.785, test=-2625.350)
total time= 0.6s
[CV 1/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2532.941, test=-2427.505)
total time= 1.2s

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[CV 4/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2493.065, test=-2569.211)
total time= 1.2s
[CV 2/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2458.773, test=-2317.375)
total time= 3.0s
[CV 5/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2356.779, test=-2671.536)
total time= 3.0s
[CV 3/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2211.475, test=-2746.325)
total time= 6.0s
[CV 1/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1994.946, test=-2489.215)
total time= 12.2s
[CV 4/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1853.568, test=-2632.896)
total time= 15.1s
[CV 3/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2536.909, test=-2789.349)
total time= 0.6s
[CV 5/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2542.761, test=-2759.212)
total time= 0.6s
[CV 3/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2459.189, test=-2742.459)
total time= 1.2s
[CV 1/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50;; score=(train=-2423.928, test=-2415.348)
total time= 3.0s
[CV 4/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2389.494, test=-2551.315)
total time= 3.0s
[CV 2/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2328.843, test=-2341.683)
total time= 6.2s
[CV 5/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2205.007, test=-2689.975)
total time= 6.0s
[CV 1/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1888.031, test=-2489.667)
total time= 15.2s
[CV 4/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1409.534, test=-2757.723)
total time= 30.2s
[CV 2/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2196.760, test=-2573.340)
total time= 6.0s
[CV 4/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1906.990, test=-2621.594)
total time= 12.1s
[CV 2/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1411.954, test=-2445.808)
total time= 30.4s
[CV 2/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2060.909, test=-2381.177)

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total time= 12.2s
[CV 5/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1806.427, test=-2760.139)
total time= 15.2s
[CV 5/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2469.253, test=-2702.825)
total time= 1.2s
[CV 3/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2355.535, test=-2713.209)
total time= 3.0s
[CV 1/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2248.778, test=-2442.092)
total time= 6.2s
[CV 4/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2200.504, test=-2581.566)
total time= 6.1s
[CV 5/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1919.914, test=-2752.811)
total time= 12.1s
[CV 3/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1404.550, test=-2916.201)
total time= 30.3s
[CV 4/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1936.833, test=-2623.581)
total time= 12.1s
[CV 2/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1426.438, test=-2476.083)
total time= 30.3s
[CV 3/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 3/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1948.511, test=-2798.096)
total time= 12.0s
[CV 5/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1812.734, test=-2769.071)
total time= 15.2s
[CV 5/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2469.253, test=-2702.825)
total time= 1.2s
[CV 3/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2355.535, test=-2713.720)
total time= 3.0s
[CV 1/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2245.767, test=-2438.788)
total time= 6.1s
[CV 4/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2200.504, test=-2581.404)
total time= 6.0s
[CV 5/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1919.914, test=-2755.785)
total time= 12.1s
[CV 3/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1404.550, test=-2918.943)
total time= 30.2s
[CV 4/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1973.435, test=-2597.524)
total time= 12.0s
[CV 2/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1488.483, test=-2461.085)
total time= 30.0s

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[CV 3/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1974.314, test=-2806.319)
total time= 12.1s
[CV 1/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1447.817, test=-2588.312)
total time= 30.3s
[CV 2/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2073.683, test=-2386.083)
total time= 12.1s
[CV 1/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1449.167, test=-2562.480)
total time= 30.2s
[CV 2/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2073.683, test=-2389.433)
total time= 12.1s
[CV 5/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2541.431, test=-2759.894)
total time= 0.6s
[CV 2/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2565.052, test=-2329.269)
total time= 1.2s
[CV 5/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2469.253, test=-2702.706)
total time= 1.2s
[CV 3/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2355.535, test=-2713.211)
total time= 3.0s
[CV 1/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=100;; score=(train=-2250.610, test=-2435.693)
total time= 6.0s
[CV 4/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2200.504, test=-2582.225)
total time= 6.0s
[CV 5/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1919.637, test=-2757.193)
total time= 12.2s
[CV 3/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1404.550, test=-2918.816)
total time= 30.2s
[CV 4/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1936.833, test=-2621.064)
total time= 12.0s
[CV 2/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1430.106, test=-2492.328)
total time= 30.1s
[CV 3/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1974.314, test=-2807.080)
total time= 12.0s
[CV 1/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1437.072, test=-2578.481)
total time= 30.0s
[CV 2/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2073.683, test=-2388.793)
total time= 12.0s
[CV 5/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1831.856, test=-2751.071)
total time= 15.0s
[CV 2/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20
[CV 2/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2566.533, test=-2332.623)
total time= 1.2s
[CV 5/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2467.025, test=-2700.953)
total time= 1.2s
[CV 3/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2364.692, test=-2723.290)
total time= 3.0s
[CV 1/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2249.608, test=-2436.895)
total time= 6.0s
[CV 4/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2218.248, test=-2567.424)
total time= 6.0s
[CV 5/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1942.444, test=-2728.591)
total time= 12.2s
[CV 3/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1455.459, test=-2898.052)
total time= 30.3s
[CV 5/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1942.444, test=-2730.434)
total time= 12.1s
[CV 3/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1455.459, test=-2898.161)
total time= 30.2s
[CV 1/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1167.068, test=-2539.953)

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total time= 19.6s
[CV 4/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-914.208, test=-2733.539)
total time= 24.4s
[CV 4/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2363.461, test=-2585.625)
total time= 1.9s
[CV 1/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2140.170, test=-2453.915)
total time= 4.9s
[CV 4/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2052.620, test=-2572.159)
total time= 5.0s
[CV 2/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1846.109, test=-2429.919)
total time= 9.9s
[CV 4/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1847.431, test=-2630.454)
total time= 15.2s
[CV 5/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2542.761, test=-2759.212)
total time= 0.6s
[CV 2/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2566.533, test=-2336.096)
total time= 1.2s
[CV 5/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2467.025, test=-2700.735)
total time= 1.2s
[CV 3/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

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[CV 3/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2364.692, test=-2722.774)
total time= 3.0s
[CV 1/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2249.603, test=-2435.828)
total time= 6.0s
[CV 4/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2218.248, test=-2567.289)
total time= 6.0s
[CV 4/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1973.435, test=-2598.091)
total time= 12.1s
[CV 2/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1488.483, test=-2464.580)
total time= 30.2s
[CV 5/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1712.322, test=-2814.080)
total time= 9.8s
[CV 3/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1006.640, test=-2867.360)
total time= 24.8s
[CV 1/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2539.405, test=-2490.876)
total time= 1.0s
[CV 2/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2583.810, test=-2383.209)
total time= 1.0s
[CV 3/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2475.816, test=-2792.172)
total time= 1.0s

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[CV 4/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2512.697, test=-2627.520)
total time= 1.0s
[CV 5/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2469.488, test=-2782.207)
total time= 1.0s
[CV 1/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2403.056, test=-2444.081)
total time= 1.9s
[CV 2/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2455.159, test=-2344.305)
total time= 1.9s
[CV 3/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2332.495, test=-2759.670)
total time= 1.9s
[CV 5/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2341.589, test=-2764.915)
total time= 1.9s
[CV 3/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2070.356, test=-2742.873)
total time= 4.9s
[CV 1/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1768.917, test=-2502.461)
total time= 9.9s
[CV 4/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1643.848, test=-2641.981)
total time= 9.8s
[CV 2/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200;; score=(train=-1213.559, test=-2460.565)
total time= 19.6s
[CV 5/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-979.722, test=-2850.368)
total time= 24.6s
[CV 2/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2223.574, test=-2333.714)
total time= 4.9s
[CV 5/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2080.934, test=-2759.071)
total time= 4.9s
[CV 3/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1796.970, test=-2768.089)
total time= 9.8s
[CV 1/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1888.031, test=-2488.522)
total time= 14.9s
[CV 4/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1409.534, test=-2759.924)
total time= 30.4s
[CV 2/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1950.672, test=-2388.357)
total time= 15.3s
[CV 5/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1415.856, test=-2802.413)
total time= 30.5s
[CV 3/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1877.363, test=-2815.127)

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total time= 15.2s
[CV 1/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2539.063, test=-2491.264)
total time= 1.0s
[CV 3/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2475.598, test=-2792.030)
total time= 1.0s
[CV 1/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2400.077, test=-2448.635)
total time= 2.0s
[CV 4/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2370.435, test=-2578.228)
total time= 1.9s
[CV 2/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2200.575, test=-2370.171)
total time= 4.9s
[CV 1/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1735.580, test=-2469.196)
total time= 9.9s
[CV 2/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1222.843, test=-2446.734)
total time= 19.8s
[CV 5/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-977.887, test=-2882.997)
total time= 24.8s
[CV 2/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2204.108, test=-2366.445)
total time= 4.9s
[CV 5/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

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[CV 5/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2074.524, test=-2767.910)
total time= 4.9s
[CV 3/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1728.250, test=-2774.808)
total time= 9.7s
[CV 1/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1222.932, test=-2564.393)
total time= 19.6s
[CV 4/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-865.252, test=-2743.497)
total time= 24.3s
[CV 4/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2524.819, test=-2625.849)
total time= 1.0s
[CV 1/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2410.592, test=-2445.845)
total time= 1.9s
[CV 3/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2341.202, test=-2744.978)
total time= 1.9s
[CV 5/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2346.029, test=-2758.875)
total time= 1.9s
[CV 3/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2108.356, test=-2733.212)
total time= 4.8s
[CV 1/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1804.991, test=-2477.359)
total time= 9.7s

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[CV 4/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 4/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-1699.101, test=-2621.895)
total time= 9.7s

[CV 2/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 2/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-1290.947, test=-2430.140)
total time= 19.7s

[CV 5/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 5/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-1025.773, test=-2869.498)
total time= 24.9s

[CV 5/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 5/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2346.851, test=-2755.297)
total time= 2.0s

[CV 3/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 1/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 1/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2610.044, test=-2478.837)
total time= 0.6s

[CV 3/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 3/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2536.909, test=-2789.349)
total time= 0.6s

[CV 5/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 5/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2542.761, test=-2759.212)
total time= 0.6s

[CV 2/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 2/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2566.533, test=-2333.049)
total time= 1.2s

[CV 5/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 5/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2467.025, test=-2700.953)
total time= 1.2s

[CV 3/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50
[CV 3/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2364.692, test=-2722.685)
total time= 3.0s
[CV 1/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2249.604, test=-2435.988)
total time= 6.0s
[CV 4/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2218.248, test=-2567.927)
total time= 6.1s
[CV 5/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1942.444, test=-2729.195)
total time= 12.0s
[CV 3/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1455.460, test=-2900.755)
total time= 30.1s
[CV 4/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1973.435, test=-2596.222)
total time= 12.0s
[CV 2/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1488.483, test=-2462.973)
total time= 30.1s
[CV 3/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1974.314, test=-2806.977)
total time= 12.0s
[CV 1/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1449.167, test=-2562.090)
total time= 30.1s
[CV 4/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1655.356, test=-2649.539)

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total time= 9.7s
[CV 2/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1017.631, test=-2476.793)
total time= 24.2s
[CV 4/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-349.848, test=-2807.065)
total time= 49.4s
[CV 2/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1020.488, test=-2467.449)
total time= 24.6s
[CV 5/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-402.437, test=-2876.265)
total time= 49.5s
[CV 4/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-999.917, test=-2695.014)
total time= 24.4s
[CV 3/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2486.021, test=-2788.638)
total time= 1.0s
[CV 5/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2476.643, test=-2783.177)
total time= 1.0s
[CV 2/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2466.750, test=-2346.693)
total time= 2.0s
[CV 4/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2388.895, test=-2586.829)
total time= 1.9s
[CV 2/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 2/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2231.723, test=-2360.409)
total time= 4.8s

[CV 5/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 5/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2086.824, test=-2763.348)
total time= 4.9s

[CV 3/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 3/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1827.918, test=-2749.096)
total time= 9.7s

[CV 1/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 1/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1304.237, test=-2550.294)
total time= 19.6s

[CV 4/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 3/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 3/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1455.459, test=-2899.091)
total time= 30.0s

[CV 4/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 4/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1971.499, test=-2597.150)
total time= 12.0s

[CV 2/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 2/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1488.483, test=-2463.623)
total time= 30.1s

[CV 3/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 3/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1974.314, test=-2806.926)
total time= 12.0s

[CV 5/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 5/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1831.856, test=-2750.229)
total time= 15.1s

[CV 4/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 4/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20;; score=(train=-2493.065, test=-2569.211)
total time= 1.2s
[CV 2/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2458.773, test=-2319.374)
total time= 3.0s
[CV 5/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2356.779, test=-2672.123)
total time= 3.0s
[CV 3/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2211.475, test=-2746.378)
total time= 6.1s
[CV 1/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1991.673, test=-2498.386)
total time= 12.1s
[CV 4/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1847.431, test=-2628.964)
total time= 15.1s
[CV 2/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2583.543, test=-2384.092)
total time= 1.0s
[CV 4/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2512.413, test=-2626.057)
total time= 1.0s
[CV 2/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2452.076, test=-2355.598)
total time= 1.9s
[CV 5/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2341.543, test=-2766.232)
total time= 1.9s
[CV 3/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50
[CV 3/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2069.289, test=-2752.927)
total time= 4.8s
[CV 5/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2068.325, test=-2776.968)
total time= 4.8s
[CV 3/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1737.454, test=-2780.298)
total time= 9.8s
[CV 5/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1181.088, test=-2838.504)
total time= 19.7s
[CV 3/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-408.573, test=-2922.885)
total time= 49.2s
[CV 1/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1013.049, test=-2590.537)
total time= 24.5s
[CV 4/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-350.659, test=-2809.843)
total time= 49.1s
[CV 2/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1064.323, test=-2441.573)
total time= 24.8s
[CV 5/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-445.463, test=-2915.772)
total time= 49.6s
[CV 3/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1174.547, test=-2820.283)

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total time= 24.3s
[CV 1/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2556.324, test=-2484.674)
total time= 1.0s
[CV 2/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2589.220, test=-2383.193)
total time= 1.0s
[CV 4/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2518.216, test=-2622.855)
total time= 1.0s
[CV 1/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1278.314, test=-2481.831)
total time= 19.5s
[CV 3/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1098.535, test=-2829.430)
total time= 24.4s
[CV 1/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2552.286, test=-2490.685)
total time= 1.0s
[CV 2/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2590.239, test=-2381.851)
total time= 1.0s
[CV 4/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2521.879, test=-2628.101)
total time= 1.0s
[CV 1/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2431.297, test=-2444.469)
total time= 1.9s
[CV 3/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

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[CV 3/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2347.757, test=-2739.176)
total time= 1.9s
[CV 1/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2163.334, test=-2437.545)
total time= 4.8s
[CV 4/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2130.821, test=-2572.548)
total time= 4.8s
[CV 2/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1923.588, test=-2397.457)
total time= 9.7s
[CV 5/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1778.683, test=-2789.746)
total time= 9.7s
[CV 1/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1119.917, test=-2562.170)
total time= 24.5s
[CV 4/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-488.807, test=-2799.728)
total time= 48.9s
[CV 2/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1148.621, test=-2424.875)
total time= 24.4s
[CV 5/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-515.063, test=-2896.404)
total time= 49.0s
[CV 3/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1080.543, test=-2873.534)
total time= 24.8s

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[CV 1/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2556.324, test=-2484.674)
total time= 1.0s
[CV 2/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2589.220, test=-2386.770)
total time= 1.0s
[CV 3/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2478.825, test=-2786.420)
total time= 1.0s
[CV 5/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2477.672, test=-2753.785)
total time= 1.0s
[CV 2/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2466.133, test=-2338.466)
total time= 1.9s
[CV 4/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2388.642, test=-2586.863)
total time= 1.9s
[CV 2/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2221.578, test=-2338.798)
total time= 4.9s
[CV 5/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2087.680, test=-2709.592)
total time= 4.8s
[CV 3/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1746.987, test=-2783.862)
total time= 9.7s
[CV 1/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=200;; score=(train=-1253.086, test=-2520.047)
total time= 19.6s
[CV 4/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-991.546, test=-2759.484)
total time= 24.2s
[CV 4/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2520.460, test=-2622.930)
total time= 1.0s
[CV 1/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2433.895, test=-2442.751)
total time= 1.9s
[CV 3/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2536.909, test=-2789.349)
total time= 0.6s
[CV 4/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2575.785, test=-2625.350)
total time= 0.6s
[CV 1/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2532.941, test=-2427.240)
total time= 1.2s
[CV 3/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2459.189, test=-2742.459)
total time= 1.2s
[CV 1/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2423.928, test=-2415.767)
total time= 3.0s
[CV 4/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2389.494, test=-2550.532)
total time= 3.0s
[CV 2/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100;; score=(train=-2328.843, test=-2337.634)
total time= 6.1s
[CV 5/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2205.006, test=-2691.195)
total time= 6.0s
[CV 1/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1881.137, test=-2519.043)
total time= 15.1s
[CV 4/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1411.997, test=-2745.119)
total time= 30.3s
[CV 3/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1195.130, test=-2849.613)
total time= 19.7s
[CV 2/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-381.990, test=-2529.100)
total time= 49.5s
[CV 4/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1074.139, test=-2725.789)
total time= 19.6s
[CV 2/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-399.439, test=-2510.208)
total time= 49.2s
[CV 4/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1191.495, test=-2677.453)
total time= 19.6s
[CV 2/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-457.940, test=-2483.311)
total time= 49.3s
[CV 3/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 3/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1356.978, test=-2799.846)
total time= 19.6s
[CV 1/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-518.013, test=-2622.073)
total time= 49.3s
[CV 3/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1239.511, test=-2844.670)
total time= 19.6s
[CV 1/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-481.507, test=-2563.690)
total time= 48.7s
[CV 2/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1367.037, test=-2411.585)
total time= 19.5s
[CV 5/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1009.164, test=-2867.982)
total time= 24.2s
[CV 5/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2352.337, test=-2697.132)
total time= 1.9s
[CV 3/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2093.691, test=-2735.200)
total time= 4.8s
[CV 1/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1797.354, test=-2480.138)
total time= 9.7s
[CV 4/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1701.904, test=-2647.369)

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total time= 9.7s
[CV 3/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1239.511, test=-2844.728)
total time= 19.4s
[CV 1/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-469.484, test=-2567.303)
total time= 48.8s
[CV 2/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1406.116, test=-2405.229)
total time= 19.6s
[CV 3/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2136.530, test=-2727.471)
total time= 4.9s
[CV 1/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1833.882, test=-2477.281)
total time= 9.8s
[CV 4/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1750.459, test=-2628.299)
total time= 9.7s
[CV 2/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1375.347, test=-2470.760)
total time= 19.7s
[CV 5/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1076.505, test=-2877.702)
total time= 24.6s
[CV 2/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2221.578, test=-2344.002)
total time= 4.9s
[CV 5/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2087.682, test=-2713.602)

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total time= 4.9s
[CV 3/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1754.508, test=-2779.381)
total time= 9.8s
[CV 1/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1253.086, test=-2526.599)
total time= 19.6s
[CV 4/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-991.546, test=-2755.734)
total time= 24.5s
[CV 3/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2478.825, test=-2786.337)
total time= 1.0s
[CV 5/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2477.672, test=-2755.379)
total time= 1.0s
[CV 2/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2466.133, test=-2339.415)
total time= 1.9s
[CV 4/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2388.642, test=-2585.968)
total time= 1.9s
[CV 2/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2221.578, test=-2342.764)
total time= 4.8s
[CV 5/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2087.681, test=-2707.097)
total time= 4.8s
[CV 3/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

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[CV 3/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1746.105, test=-2783.260)
total time= 9.7s
[CV 1/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1253.084, test=-2523.518)
total time= 19.6s
[CV 4/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-991.546, test=-2757.300)
total time= 24.4s
[CV 4/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2518.216, test=-2622.855)
total time= 1.0s
[CV 1/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2424.690, test=-2432.716)
total time= 1.9s
[CV 3/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2341.058, test=-2744.831)
total time= 1.9s
[CV 1/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2162.451, test=-2443.131)
total time= 4.8s
[CV 4/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2104.421, test=-2584.955)
total time= 4.8s
[CV 2/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1867.197, test=-2382.412)
total time= 9.6s
[CV 5/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1728.017, test=-2776.161)
total time= 9.7s

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[CV 1/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250

[CV 1/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-1030.212, test=-2555.647) total time= 24.4s

[CV 4/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500

[CV 4/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-445.973, test=-2839.560) total time= 48.7s

[CV 2/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250

[CV 2/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-1237.683, test=-2415.494) total time= 24.8s

[CV 4/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-1032.339, test=-2725.283) total time= 24.3s

[CV 3/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10

[CV 3/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2478.825, test=-2786.091) total time= 0.9s

[CV 5/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10

[CV 5/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2477.672, test=-2754.953) total time= 1.0s

[CV 2/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20

[CV 2/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-2466.133, test=-2334.876) total time= 1.9s

[CV 4/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20

[CV 4/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-2388.642, test=-2586.388) total time= 1.9s

[CV 1/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50

[CV 1/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-2162.451, test=-2447.620) total time= 4.8s

[CV 4/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50

[CV 4/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-2104.421, test=-2582.597) total time= 4.8s

[CV 2/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 2/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-1867.197, test=-2386.097) total time= 9.6s
[CV 5/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 5/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-1728.014, test=-2773.676) total time= 9.7s
[CV 1/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 1/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-1030.212, test=-2553.560) total time= 24.3s
[CV 4/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 4/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-445.973, test=-2840.746) total time= 48.8s
[CV 2/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 2/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-1148.621, test=-2429.069) total time= 24.6s
[CV 5/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 5/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-493.803, test=-2904.549) total time= 49.5s
[CV 3/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 3/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-1068.442, test=-2866.034) total time= 24.2s
[CV 1/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 1/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2561.402, test=-2482.458) total time= 1.0s
[CV 2/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 2/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2595.355, test=-2384.780) total time= 0.9s
[CV 3/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 3/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-2479.712, test=-2787.086)
total time= 1.0s
[CV 5/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2482.297, test=-2757.420)
total time= 1.0s
[CV 2/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2476.523, test=-2335.067)
total time= 1.9s
[CV 4/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2394.215, test=-2591.535)
total time= 1.9s
[CV 2/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2230.227, test=-2327.900)
total time= 4.8s
[CV 5/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2118.903, test=-2692.407)
total time= 4.5s
[CV 3/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1791.421, test=-2758.518)
total time= 9.6s
[CV 1/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1314.717, test=-2532.590)
total time= 19.5s
[CV 3/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1164.323, test=-2841.713)
total time= 24.8s
[CV 2/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2599.797, test=-2381.557)
total time= 1.0s
[CV 4/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10
[CV 4/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2525.443, test=-2622.348)
total time= 1.0s
[CV 1/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2445.913, test=-2433.177)
total time= 2.1s
[CV 3/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2368.750, test=-2749.800)
total time= 1.9s
[CV 5/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1712.077, test=-2786.792)
total time= 9.9s
[CV 5/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1134.347, test=-2828.494)
total time= 19.8s
[CV 3/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-375.115, test=-2889.411)
total time= 49.7s
[CV 1/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1097.596, test=-2528.452)
total time= 24.7s
[CV 4/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-425.542, test=-2762.903)
total time= 49.7s
[CV 2/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1174.875, test=-2482.366)
total time= 24.8s
[CV 5/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-515.869, test=-2914.944)

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total time= 49.9s
[CV 3/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1080.543, test=-2874.129)
total time= 24.7s
[CV 1/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2556.324, test=-2484.693)
total time= 1.0s
[CV 2/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2589.220, test=-2389.427)
total time= 1.0s
[CV 4/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2518.216, test=-2623.652)
total time= 1.0s
[CV 1/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2424.690, test=-2432.838)
total time= 1.9s
[CV 3/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2341.058, test=-2744.898)
total time= 1.9s
[CV 1/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2162.378, test=-2441.301)
total time= 4.9s
[CV 4/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2104.421, test=-2583.657)
total time= 4.8s
[CV 2/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1867.197, test=-2386.203)
total time= 9.8s
[CV 5/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

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[CV 5/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1728.015, test=-2772.179)
total time= 9.8s
[CV 1/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1033.375, test=-2552.226)
total time= 24.7s
[CV 4/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-445.973, test=-2843.738)
total time= 49.0s
[CV 2/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1148.621, test=-2423.632)
total time= 24.5s
[CV 5/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-498.145, test=-2895.473)
total time= 49.2s
[CV 4/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1054.019, test=-2765.115)
total time= 24.4s
[CV 1/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2569.639, test=-2477.086)
total time= 1.0s
[CV 3/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2485.779, test=-2793.839)
total time= 1.0s
[CV 5/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2490.161, test=-2762.389)
total time= 1.0s
[CV 2/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2486.078, test=-2327.032)
total time= 1.9s

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[CV 5/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2363.618, test=-2712.815)
total time= 1.9s
[CV 3/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2128.039, test=-2730.786)
total time= 4.7s
[CV 1/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1950.672, test=-2385.366)
total time= 15.1s
[CV 5/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1415.856, test=-2802.410)
total time= 30.4s
[CV 1/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-960.530, test=-2564.144)
total time= 24.8s
[CV 5/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-374.389, test=-2914.924)
total time= 49.8s
[CV 3/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-988.402, test=-2879.123)
total time= 24.8s
[CV 1/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2546.294, test=-2494.406)
total time= 1.0s
[CV 2/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2586.095, test=-2384.169)
total time= 1.0s
[CV 3/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10;; score=(train=-2480.678, test=-2793.639)
total time= 1.0s
[CV 5/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2470.975, test=-2780.094)
total time= 1.0s
[CV 2/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2456.678, test=-2340.420)
total time= 2.0s
[CV 4/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2389.611, test=-2588.596)
total time= 1.9s
[CV 1/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2145.103, test=-2433.261)
total time= 4.9s
[CV 4/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2106.963, test=-2569.810)
total time= 4.9s
[CV 2/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1860.497, test=-2376.454)
total time= 9.9s
[CV 5/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1722.062, test=-2793.028)
total time= 9.9s
[CV 5/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1214.477, test=-2851.882)
total time= 19.8s
[CV 3/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-481.495, test=-2871.438)
total time= 49.6s
[CV 5/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 5/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1280.771, test=-2835.146)
total time= 19.8s
[CV 3/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-567.283, test=-2871.755)
total time= 48.9s
[CV 5/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1201.324, test=-2834.934)
total time= 19.5s
[CV 3/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-496.130, test=-2942.537)
total time= 48.7s
[CV 5/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1201.324, test=-2844.576)
total time= 19.7s
[CV 3/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-475.864, test=-2921.254)
total time= 48.9s
[CV 4/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1169.261, test=-2729.309)
total time= 19.4s
[CV 2/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-503.905, test=-2469.704)
total time= 48.6s
[CV 3/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1333.238, test=-2823.306)
total time= 19.4s
[CV 1/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-575.142, test=-2619.579)

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total time= 48.7s
[CV 2/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1449.195, test=-2433.051)
total time= 19.3s
[CV 5/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1178.228, test=-2891.233)
total time= 24.1s
[CV 5/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1831.856, test=-2748.294)
total time= 15.1s
[CV 5/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2469.116, test=-2781.932)
total time= 1.0s
[CV 3/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2332.905, test=-2755.956)
total time= 1.9s
[CV 1/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2137.031, test=-2435.369)
total time= 4.8s
[CV 4/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2055.397, test=-2589.250)
total time= 4.9s
[CV 2/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1811.322, test=-2405.346)
total time= 9.8s
[CV 4/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1094.897, test=-2729.982)
total time= 19.7s
[CV 1/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-382.057, test=-2647.400)

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total time= 49.2s
[CV 3/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1170.950, test=-2824.301)
total time= 19.7s
[CV 1/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-399.298, test=-2645.629)
total time= 49.3s
[CV 3/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1299.450, test=-2819.990)
total time= 19.7s
[CV 1/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-490.867, test=-2601.092)
total time= 49.6s
[CV 4/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1227.846, test=-2696.221)
total time= 19.6s
[CV 2/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-567.291, test=-2508.302)
total time= 49.3s
[CV 4/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1169.261, test=-2733.429)
total time= 19.6s
[CV 2/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-503.905, test=-2471.432)
total time= 49.1s
[CV 3/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1239.510, test=-2847.755)
total time= 19.6s
[CV 1/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

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[CV 1/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-453.452, test=-2612.430)
total time= 49.2s
[CV 2/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1367.037, test=-2409.284)
total time= 19.6s
[CV 5/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1036.555, test=-2843.635)
total time= 24.4s
[CV 1/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2192.494, test=-2437.660)
total time= 4.8s
[CV 4/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2121.627, test=-2597.033)
total time= 4.9s
[CV 2/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1909.943, test=-2365.886)
total time= 9.7s
[CV 5/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1756.485, test=-2750.204)
total time= 9.7s
[CV 1/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1126.160, test=-2552.750)
total time= 24.3s
[CV 4/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-479.462, test=-2839.644)
total time= 48.5s
[CV 2/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1239.646, test=-2457.469)
total time= 24.1s

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[CV 5/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500
 [CV 5/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500;; score=(train=-656.601, test=-2932.431)
 total time= 48.8s
 [CV 3/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=250
 [CV 3/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=250;; score=(train=-1217.309, test=-2871.117)
 total time= 27.5s
 [CV 1/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20;; score=(train=-2424.690, test=-2432.669)
 total time= 1.9s
 [CV 3/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20
 [CV 3/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20;; score=(train=-2341.058, test=-2745.017)
 total time= 1.9s
 [CV 5/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20
 [CV 5/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20;; score=(train=-2352.337, test=-2697.169)
 total time= 1.9s
 [CV 3/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=50
 [CV 3/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=50;; score=(train=-2093.691, test=-2735.950)
 total time= 4.8s
 [CV 1/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=100
 [CV 1/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=100;; score=(train=-1791.107, test=-2471.431)
 total time= 9.7s
 [CV 4/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=100
 [CV 4/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=100;; score=(train=-1701.904, test=-2650.322)
 total time= 9.7s
 [CV 2/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200
 [CV 2/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200;; score=(train=-1367.037, test=-2403.852)
 total time= 19.6s
 [CV 5/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=250
 [CV 5/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=250;; score=(train=-1036.555, test=-2847.578)
 total time= 24.3s

[CV 5/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2352.337, test=-2697.851)
total time= 1.9s
[CV 3/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2093.691, test=-2735.793)
total time= 4.8s
[CV 1/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1791.107, test=-2472.605)
total time= 9.7s
[CV 4/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1701.904, test=-2649.713)
total time= 9.7s
[CV 4/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1169.261, test=-2730.578)
total time= 19.7s
[CV 2/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-503.905, test=-2463.049)
total time= 49.4s
[CV 5/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1201.324, test=-2837.512)
total time= 19.7s
[CV 3/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-496.130, test=-2939.656)
total time= 49.2s
[CV 4/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1242.916, test=-2746.984)
total time= 19.5s
[CV 2/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500;; score=(train=-602.083, test=-2471.201)
total time= 48.7s
[CV 3/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1406.906, test=-2833.487)
total time= 19.4s
[CV 1/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-657.007, test=-2560.086)
total time= 49.0s
[CV 3/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1406.906, test=-2832.960)
total time= 19.6s
[CV 1/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-657.041, test=-2562.929)
total time= 51.9s
[CV 3/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1411.744, test=-2842.757)
total time= 19.5s
[CV 1/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-657.042, test=-2564.118)
total time= 48.7s
[CV 2/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1420.196, test=-2457.861)
total time= 19.5s
[CV 5/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1145.657, test=-2862.679)
total time= 24.3s
[CV 3/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2369.439, test=-2746.845)
total time= 1.9s
[CV 1/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 1/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2206.628, test=-2419.437)
total time= 4.7s
[CV 4/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2158.356, test=-2594.145)
total time= 4.7s
[CV 5/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1097.472, test=-2872.557)
total time= 24.3s
[CV 4/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2402.536, test=-2573.720)
total time= 2.0s
[CV 2/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2253.617, test=-2319.338)
total time= 4.8s
[CV 5/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2129.783, test=-2714.856)
total time= 4.8s
[CV 3/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1878.097, test=-2746.299)
total time= 9.7s
[CV 1/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1381.938, test=-2508.293)
total time= 19.3s
[CV 4/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1160.702, test=-2751.781)
total time= 24.2s
[CV 4/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2525.443, test=-2622.348)

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total time= 1.0s
[CV 1/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2445.913, test=-2434.362)
total time= 1.9s
[CV 3/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2368.750, test=-2748.561)
total time= 1.9s
[CV 1/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2191.940, test=-2431.187)
total time= 4.8s
[CV 4/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2139.787, test=-2567.327)
total time= 4.8s
[CV 2/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1928.325, test=-2370.019)
total time= 9.7s
[CV 5/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1780.765, test=-2780.705)
total time= 9.7s
[CV 1/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1183.653, test=-2536.183)
total time= 25.3s
[CV 4/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-602.005, test=-2871.244)
total time= 51.2s
[CV 2/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1222.348, test=-2448.015)
total time= 24.3s
[CV 5/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

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[CV 5/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-656.601, test=-2932.180)
total time= 48.9s

[CV 3/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 3/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1228.058, test=-2869.857)
total time= 24.5s

[CV 1/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 1/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2570.213, test=-2479.079)
total time= 1.0s

[CV 2/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 2/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2602.069, test=-2379.980)
total time= 1.0s

[CV 4/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 4/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2526.242, test=-2623.361)
total time= 1.0s

[CV 1/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 1/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2455.668, test=-2424.007)
total time= 1.9s

[CV 4/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 4/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2399.649, test=-2585.363)
total time= 1.9s

[CV 2/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 2/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2270.769, test=-2304.978)
total time= 4.8s

[CV 5/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 5/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2139.084, test=-2707.409)
total time= 4.8s

[CV 3/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 3/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1880.089, test=-2771.385)
total time= 9.6s

[CV 1/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1427.925, test=-2520.900)
total time= 19.3s
[CV 4/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2343.586, test=-2748.582)
total time= 1.9s
[CV 5/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2362.892, test=-2704.425)
total time= 1.9s
[CV 3/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2116.973, test=-2731.672)
total time= 4.8s
[CV 1/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1810.086, test=-2473.862)
total time= 9.6s
[CV 4/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1777.328, test=-2672.014)
total time= 9.6s
[CV 5/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1251.542, test=-2831.512)
total time= 19.6s
[CV 3/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-567.939, test=-2882.109)
total time= 49.2s
[CV 5/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1321.741, test=-2818.342)
total time= 19.5s
[CV 3/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,


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min_samples_split=2, n_estimators=500
[CV 3/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-661.426, test=-2917.263)
total time= 49.0s
[CV 4/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1332.498, test=-2712.799)
total time= 19.4s
[CV 2/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-644.592, test=-2543.807)
total time= 51.1s
[CV 2/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1424.497, test=-2452.815)
total time= 19.5s
[CV 5/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1147.283, test=-2872.365)
total time= 24.2s
[CV 3/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2368.750, test=-2750.109)
total time= 1.9s
[CV 1/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2192.627, test=-2431.903)
total time= 4.9s
[CV 4/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2139.787, test=-2567.131)
total time= 4.8s
[CV 2/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1928.325, test=-2371.207)
total time= 9.7s
[CV 1/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1395.723, test=-2480.445)

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total time= 19.6s
[CV 4/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1160.702, test=-2752.312)
total time= 24.3s
[CV 3/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2485.725, test=-2791.733)
total time= 1.0s
[CV 5/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2494.266, test=-2759.900)
total time= 1.0s
[CV 2/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2485.962, test=-2315.905)
total time= 1.9s
[CV 5/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2381.623, test=-2702.388)
total time= 1.9s
[CV 3/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2148.768, test=-2741.639)
total time= 4.7s
[CV 1/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1880.840, test=-2449.348)
total time= 9.6s
[CV 4/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1855.648, test=-2630.821)
total time= 9.6s
[CV 5/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1389.221, test=-2800.679)
total time= 19.3s
[CV 3/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

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[CV 3/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-712.325, test=-2932.693)
total time= 49.0s

[CV 5/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 4/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 4/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2402.536, test=-2574.208)
total time= 1.9s

[CV 2/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 2/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2253.616, test=-2311.739)
total time= 4.8s

[CV 5/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 5/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2129.783, test=-2715.122)
total time= 4.8s

[CV 3/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 3/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1864.856, test=-2752.218)
total time= 9.7s

[CV 1/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 1/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1378.150, test=-2513.770)
total time= 19.5s

[CV 4/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 4/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1160.702, test=-2753.270)
total time= 27.1s

[CV 3/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 3/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2485.779, test=-2793.793)
total time= 1.0s

[CV 5/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 5/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2490.161, test=-2763.262)
total time= 1.0s

[CV 2/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 2/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20;; score=(train=-2486.078, test=-2327.810)
total time= 1.9s
[CV 4/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2402.536, test=-2573.185)
total time= 1.9s
[CV 2/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2253.616, test=-2316.804)
total time= 4.8s
[CV 5/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2129.783, test=-2714.466)
total time= 4.8s
[CV 3/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1850.840, test=-2764.522)
total time= 9.7s
[CV 1/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1393.598, test=-2490.939)
total time= 19.6s
[CV 4/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1160.702, test=-2749.996)
total time= 24.3s
[CV 2/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2599.797, test=-2378.902)
total time= 1.0s
[CV 4/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2525.443, test=-2621.815)
total time= 1.0s
[CV 1/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2445.913, test=-2433.249)
total time= 1.9s
[CV 4/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20
[CV 4/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2402.536, test=-2574.159)
total time= 1.9s
[CV 2/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2253.617, test=-2319.723)
total time= 4.9s
[CV 5/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2129.783, test=-2713.311)
total time= 4.8s
[CV 3/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1835.764, test=-2763.224)
total time= 9.6s
[CV 5/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1784.500, test=-2775.935)
total time= 9.3s
[CV 1/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1185.509, test=-2521.797)
total time= 24.6s
[CV 4/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-602.005, test=-2875.096)
total time= 48.9s
[CV 2/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1317.137, test=-2401.321)
total time= 24.4s
[CV 5/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-727.010, test=-2864.189)
total time= 48.8s
[CV 3/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1272.657, test=-2851.488)

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total time= 24.2s
[CV 1/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-551.509, test=-2877.559)
total time= 48.4s
[CV 3/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1279.609, test=-2854.053)
total time= 24.4s
[CV 1/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2569.639, test=-2477.325)
total time= 1.0s
[CV 2/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2599.797, test=-2378.739)
total time= 1.0s
[CV 3/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2485.779, test=-2792.340)
total time= 0.9s
[CV 5/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2490.161, test=-2762.229)
total time= 1.0s
[CV 2/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2486.078, test=-2326.869)
total time= 1.9s
[CV 5/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2363.618, test=-2713.059)
total time= 1.9s
[CV 3/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2131.205, test=-2731.703)
total time= 4.8s

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[CV 1/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1850.198, test=-2439.656)
total time= 9.7s
[CV 4/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1785.030, test=-2645.592)
total time= 9.8s
[CV 5/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1336.268, test=-2851.665)
total time= 19.5s
[CV 3/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-672.877, test=-2939.027)
total time= 52.0s
[CV 4/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1332.498, test=-2717.034)
total time= 19.3s
[CV 2/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-644.593, test=-2545.308)
total time= 48.9s
[CV 3/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1452.617, test=-2827.835)
total time= 19.6s
[CV 1/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-642.124, test=-2590.264)
total time= 48.6s
[CV 2/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1502.157, test=-2386.927)
total time= 19.3s
[CV 5/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250;; score=(train=-1237.117, test=-2821.501)
total time= 24.2s
[CV 4/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2399.649, test=-2585.192)
total time= 1.9s
[CV 2/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2270.769, test=-2311.087)
total time= 4.7s
[CV 5/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2139.084, test=-2706.660)
total time= 4.8s
[CV 3/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1888.673, test=-2787.493)
total time= 9.6s
[CV 1/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1427.925, test=-2520.232)
total time= 19.2s
[CV 4/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1219.890, test=-2752.313)
total time= 24.1s
[CV 2/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2602.069, test=-2373.572)
total time= 1.0s
[CV 4/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2526.242, test=-2624.159)
total time= 1.0s
[CV 1/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2455.668, test=-2423.290)
total time= 1.9s
[CV 3/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20
[CV 1/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2569.639, test=-2477.111)
total time= 1.1s
[CV 2/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2599.797, test=-2375.022)
total time= 1.0s
[CV 4/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2525.443, test=-2622.348)
total time= 1.0s
[CV 1/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2445.913, test=-2432.556)
total time= 1.9s
[CV 3/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2368.750, test=-2749.348)
total time= 1.9s
[CV 5/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2363.618, test=-2713.275)
total time= 1.9s
[CV 3/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2128.042, test=-2732.789)
total time= 4.8s
[CV 1/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1870.558, test=-2455.861)
total time= 9.7s
[CV 4/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1785.030, test=-2646.525)
total time= 9.7s
[CV 5/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 5/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1336.268, test=-2852.901)
total time= 19.5s
[CV 3/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-668.525, test=-2888.673)
total time= 48.9s
[CV 5/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1327.874, test=-2845.080)
total time= 19.5s
[CV 2/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-643.889, test=-2515.391)
total time= 48.5s
[CV 3/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1451.600, test=-2831.653)
total time= 19.3s
[CV 1/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-741.605, test=-2597.657)
total time= 48.8s
[CV 2/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1493.871, test=-2435.369)
total time= 19.3s
[CV 5/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1237.117, test=-2821.820)
total time= 24.1s
[CV 4/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2399.649, test=-2586.216)
total time= 1.9s
[CV 2/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2270.769, test=-2311.748)
total time= 4.9s

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[CV 5/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2139.084, test=-2705.989)
total time= 4.8s
[CV 3/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1876.970, test=-2777.088)
total time= 9.6s
[CV 1/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1427.925, test=-2517.593)
total time= 19.4s
[CV 4/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1244.817, test=-2756.560)
total time= 24.3s
[CV 5/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2494.266, test=-2759.957)
total time= 1.0s
[CV 2/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2485.962, test=-2320.341)
total time= 1.9s
[CV 4/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2399.649, test=-2586.020)
total time= 1.9s
[CV 2/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2270.771, test=-2312.232)
total time= 4.8s
[CV 5/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2139.084, test=-2707.155)
total time= 4.8s
[CV 1/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50;; score=(train=-2191.764, test=-2428.843)
total time= 4.8s
[CV 4/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2139.787, test=-2566.952)
total time= 4.8s
[CV 2/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1928.325, test=-2374.758)
total time= 9.7s
[CV 5/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1775.935, test=-2786.647)
total time= 9.6s
[CV 1/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1190.925, test=-2541.647)
total time= 24.1s
[CV 4/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-602.005, test=-2874.269)
total time= 48.7s
[CV 2/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1224.687, test=-2467.346)
total time= 26.4s
[CV 5/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-642.383, test=-2882.711)
total time= 50.1s
[CV 3/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1279.609, test=-2854.177)
total time= 24.6s
[CV 1/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2569.639, test=-2477.156)
total time= 1.0s
[CV 3/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=10
[CV 3/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2485.779, test=-2792.371)
total time= 1.0s
[CV 5/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2490.161, test=-2762.137)
total time= 1.0s
[CV 2/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2486.078, test=-2326.522)
total time= 1.9s
[CV 5/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2363.618, test=-2711.803)
total time= 2.0s
[CV 3/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2128.042, test=-2732.639)
total time= 4.6s
[CV 1/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1829.433, test=-2444.385)
total time= 9.7s
[CV 4/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1785.030, test=-2645.252)
total time= 9.7s
[CV 4/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1332.498, test=-2718.063)
total time= 19.5s
[CV 3/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-661.426, test=-2915.850)
total time= 48.8s
[CV 4/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1420.051, test=-2720.131)

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total time= 19.3s
[CV 2/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-699.824, test=-2475.271)
total time= 48.7s
[CV 3/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1465.417, test=-2828.607)
total time= 19.5s
[CV 1/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-741.605, test=-2597.642)
total time= 48.6s
[CV 2/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1513.791, test=-2378.010)
total time= 19.4s
[CV 5/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1237.117, test=-2820.885)
total time= 24.2s
[CV 5/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2381.623, test=-2701.155)
total time= 1.9s
[CV 3/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2148.591, test=-2742.314)
total time= 4.8s
[CV 1/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1880.840, test=-2447.194)
total time= 9.7s
[CV 4/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1870.558, test=-2455.634)
total time= 9.7s
[CV 4/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

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[CV 4/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1785.030, test=-2646.172)
total time= 9.6s

[CV 4/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 4/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1332.498, test=-2718.750)
total time= 19.3s

[CV 2/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 2/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-612.460, test=-2532.382)
total time= 48.5s

[CV 2/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 2/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1421.369, test=-2433.956)
total time= 19.4s

[CV 5/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 5/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1178.228, test=-2891.477)
total time= 27.7s

[CV 1/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 1/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2191.764, test=-2430.856)
total time= 4.8s

[CV 4/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 4/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2139.787, test=-2566.459)
total time= 4.8s

[CV 2/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 2/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1928.325, test=-2368.272)
total time= 9.7s

[CV 5/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 5/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1775.935, test=-2791.192)
total time= 9.7s

[CV 1/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 1/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1218.291, test=-2516.886)
total time= 24.3s

[CV 4/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 4/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-602.005, test=-2874.332) total time= 48.8s

[CV 2/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 2/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-1239.647, test=-2455.729) total time= 24.4s

[CV 5/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 5/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-640.053, test=-2917.832) total time= 48.8s

[CV 3/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 3/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1318.948, test=-2846.850) total time= 24.3s

[CV 1/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 1/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2570.213, test=-2479.079) total time= 1.0s

[CV 2/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 2/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2602.069, test=-2379.901) total time= 0.9s

[CV 4/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 4/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2526.242, test=-2624.229) total time= 0.9s

[CV 1/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 1/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2455.668, test=-2423.829) total time= 1.9s

[CV 3/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 3/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2369.439, test=-2746.616) total time= 1.9s

[CV 1/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 1/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,


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min_samples_split=5, n_estimators=50;; score=(train=-2206.628, test=-2418.258)
total time= 4.8s
[CV 4/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2158.356, test=-2594.379)
total time= 4.8s
[CV 2/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1993.544, test=-2344.879)
total time= 9.6s
[CV 5/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1800.897, test=-2762.780)
total time= 9.5s
[CV 1/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1278.393, test=-2542.564)
total time= 24.1s
[CV 4/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-665.312, test=-2851.673)
total time= 48.6s
[CV 2/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1317.137, test=-2400.084)
total time= 24.4s
[CV 5/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-729.568, test=-2868.455)
total time= 48.9s
[CV 3/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1327.320, test=-2845.842)
total time= 24.3s
[CV 1/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2570.213, test=-2479.455)
total time= 1.0s
[CV 3/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10;; score=(train=-2485.725, test=-2792.039)
total time= 1.0s
[CV 5/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2494.266, test=-2759.535)
total time= 1.0s
[CV 2/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2485.962, test=-2323.056)
total time= 1.9s
[CV 5/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2381.623, test=-2703.043)
total time= 2.0s
[CV 3/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2148.768, test=-2741.330)
total time= 4.7s
[CV 1/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1880.840, test=-2452.465)
total time= 9.6s
[CV 4/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1855.646, test=-2630.330)
total time= 9.7s
[CV 5/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1389.221, test=-2800.753)
total time= 19.4s
[CV 3/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-712.325, test=-2930.480)
total time= 48.5s
[CV 4/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1420.051, test=-2721.353)
total time= 19.2s
[CV 2/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500
[CV 2/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-731.509, test=-2532.537)
total time= 48.9s
[CV 5/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-975.375, test=-2880.665)
total time= 15.1s
[CV 3/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-255.110, test=-2828.606)
total time= 38.0s
[CV 1/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2389.964, test=-2507.205)
total time= 1.5s
[CV 2/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2471.516, test=-2414.980)
total time= 1.5s
[CV 3/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2342.748, test=-2790.789)
total time= 1.4s
[CV 4/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2390.438, test=-2611.374)
total time= 1.5s
[CV 5/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2344.414, test=-2800.560)
total time= 1.5s
[CV 1/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2112.620, test=-2464.913)
total time= 2.9s
[CV 2/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2217.518, test=-2374.253)

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total time= 2.9s
[CV 3/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2041.681, test=-2760.188)
total time= 2.9s
[CV 4/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2124.090, test=-2578.160)
total time= 2.9s
[CV 2/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1675.100, test=-2405.182)
total time= 7.4s
[CV 1/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-983.945, test=-2516.501)
total time= 14.8s
[CV 4/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-907.292, test=-2691.090)
total time= 14.8s
[CV 2/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-378.853, test=-2478.067)
total time= 29.6s
[CV 5/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-253.289, test=-2947.828)
total time= 37.8s
[CV 5/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2119.018, test=-2783.552)
total time= 2.9s
[CV 4/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1855.646, test=-2631.001)
total time= 9.7s
[CV 5/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1389.221, test=-2798.036)

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total time= 19.5s
[CV 3/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-718.896, test=-2934.950)
total time= 49.4s
[CV 1/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-382.568, test=-2575.334)
total time= 30.3s
[CV 4/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-247.214, test=-2770.496)
total time= 37.7s
[CV 5/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2089.264, test=-2774.386)
total time= 2.9s
[CV 3/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1538.089, test=-2754.310)
total time= 7.3s
[CV 5/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1579.269, test=-2834.325)
total time= 7.4s
[CV 3/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1025.136, test=-2800.019)
total time= 14.9s
[CV 1/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-363.751, test=-2563.505)
total time= 30.0s
[CV 4/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-201.382, test=-2765.371)
total time= 37.4s
[CV 3/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

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[CV 3/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2367.288, test=-2795.202)
total time= 1.5s
[CV 5/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2357.189, test=-2792.247)
total time= 1.5s
[CV 2/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2258.862, test=-2370.384)
total time= 2.9s
[CV 4/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2158.146, test=-2573.784)
total time= 2.9s
[CV 2/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1758.161, test=-2396.136)
total time= 7.3s
[CV 5/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1633.187, test=-2818.616)
total time= 7.3s
[CV 3/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1092.329, test=-2806.310)
total time= 14.8s
[CV 1/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-513.761, test=-2591.012)
total time= 29.6s
[CV 3/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-403.927, test=-2860.124)
total time= 38.0s
[CV 1/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2443.610, test=-2491.787)
total time= 1.5s

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[CV 2/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 2/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-2500.605, test=-2397.448)
total time= 1.5s
[CV 3/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 3/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-2369.768, test=-2789.714)
total time= 1.5s
[CV 4/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 4/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-2395.113, test=-2622.561)
total time= 1.4s
[CV 1/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 1/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2219.804, test=-2466.519)
total time= 3.0s
[CV 4/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 4/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2198.015, test=-2584.931)
total time= 2.9s
[CV 2/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 2/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-1817.485, test=-2372.924)
total time= 7.3s
[CV 5/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 5/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-1711.924, test=-2790.685)
total time= 7.4s
[CV 3/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 3/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-1238.517, test=-2786.809)
total time= 14.7s
[CV 4/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1244.817, test=-2759.028)
total time= 24.3s
[CV 3/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 3/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2485.725, test=-2792.497)
total time= 0.9s

[CV 5/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2494.266, test=-2759.568)
total time= 1.0s
[CV 2/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2485.962, test=-2323.180)
total time= 1.9s
[CV 5/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2381.623, test=-2699.621)
total time= 1.9s
[CV 3/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2148.591, test=-2741.664)
total time= 4.8s
[CV 1/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1880.840, test=-2450.041)
total time= 9.7s
[CV 4/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1855.648, test=-2630.917)
total time= 9.6s
[CV 4/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1420.051, test=-2724.389)
total time= 19.4s
[CV 3/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-729.190, test=-2900.424)
total time= 48.8s
[CV 4/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1420.051, test=-2721.286)
total time= 19.4s
[CV 2/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,


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min_samples_split=10, n_estimators=500;; score=(train=-719.494, test=-2535.943)
total time= 48.5s
[CV 3/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1465.417, test=-2827.131)
total time= 19.3s
[CV 1/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-741.605, test=-2594.770)
total time= 49.3s
[CV 4/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-999.276, test=-2712.344)
total time= 15.1s
[CV 2/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-254.398, test=-2473.074)
total time= 37.9s
[CV 5/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-30.532, test=-2894.061)
total time= 1.3min
[CV 2/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-244.547, test=-2467.652)
total time= 37.7s
[CV 5/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-40.203, test=-2958.488)
total time= 1.3min
[CV 4/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-299.823, test=-2745.637)
total time= 37.5s
[CV 5/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2373.001, test=-2794.035)
total time= 1.5s
[CV 2/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=20
[CV 2/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2307.431, test=-2362.804)
total time= 2.9s
[CV 5/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2141.111, test=-2766.342)
total time= 2.9s
[CV 3/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1706.579, test=-2764.046)
total time= 7.2s
[CV 1/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1182.862, test=-2499.128)
total time= 14.6s
[CV 4/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1197.836, test=-2659.201)
total time= 14.6s
[CV 3/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-697.042, test=-2801.289)
total time= 29.9s
[CV 1/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-101.744, test=-2563.518)
total time= 1.3min
[CV 2/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-532.199, test=-2455.583)
total time= 29.3s
[CV 2/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1993.540, test=-2334.769)
total time= 9.6s
[CV 5/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1800.897, test=-2760.731)

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total time= 9.5s
[CV 1/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1278.393, test=-2539.981)
total time= 24.0s
[CV 4/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-665.312, test=-2854.364)
total time= 47.8s
[CV 2/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1317.137, test=-2398.978)
total time= 24.0s
[CV 5/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-729.568, test=-2866.630)
total time= 48.5s
[CV 3/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1292.694, test=-2824.795)
total time= 24.1s
[CV 1/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2570.213, test=-2479.079)
total time= 1.0s
[CV 2/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2602.069, test=-2377.962)
total time= 1.0s
[CV 3/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2485.725, test=-2792.743)
total time= 0.9s
[CV 4/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2526.242, test=-2624.229)
total time= 1.0s
[CV 1/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

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[CV 1/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2455.668, test=-2424.011)
total time= 1.9s

[CV 3/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 3/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2369.439, test=-2746.549)
total time= 1.9s

[CV 1/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 1/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2206.628, test=-2418.418)
total time= 4.8s

[CV 4/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 4/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2158.355, test=-2594.508)
total time= 4.7s

[CV 2/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 2/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1993.540, test=-2338.294)
total time= 9.6s

[CV 5/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 5/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1800.897, test=-2763.808)
total time= 9.6s

[CV 1/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 1/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1278.393, test=-2543.136)
total time= 24.0s

[CV 4/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 4/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-666.976, test=-2852.937)
total time= 48.7s

[CV 4/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 4/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-389.542, test=-2782.220)
total time= 30.4s

[CV 2/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 2/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-28.042, test=-2467.138)
total time= 1.3min

[CV 4/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-380.942, test=-2734.383)
total time= 30.1s
[CV 2/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-30.341, test=-2492.936)
total time= 1.3min
[CV 4/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-475.073, test=-2759.030)
total time= 30.2s
[CV 2/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-57.438, test=-2477.129)
total time= 1.3min
[CV 4/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-549.413, test=-2717.783)
total time= 29.2s
[CV 2/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-102.124, test=-2471.289)
total time= 1.2min
[CV 3/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-608.215, test=-2866.484)
total time= 29.7s
[CV 1/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1888.673, test=-2787.029)
total time= 9.6s
[CV 1/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1427.925, test=-2520.899)
total time= 19.3s
[CV 4/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250
[CV 4/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1244.817, test=-2755.078)
total time= 24.2s
[CV 2/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2469.270, test=-2409.774)
total time= 1.5s
[CV 4/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2385.146, test=-2612.606)
total time= 1.5s
[CV 1/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2124.628, test=-2471.433)
total time= 3.0s
[CV 4/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2132.207, test=-2593.444)
total time= 3.0s
[CV 2/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1652.631, test=-2391.310)
total time= 7.5s
[CV 1/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-943.773, test=-2556.912)
total time= 15.3s
[CV 2/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-408.221, test=-2471.246)
total time= 30.4s
[CV 5/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-255.994, test=-2903.355)
total time= 37.9s
[CV 1/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1597.592, test=-2468.216)

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total time= 7.3s
[CV 4/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1543.969, test=-2621.138)
total time= 7.4s
[CV 2/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1066.685, test=-2469.998)
total time= 14.9s
[CV 5/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-986.773, test=-2888.520)
total time= 15.0s
[CV 5/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-414.529, test=-2938.042)
total time= 29.6s
[CV 3/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-38.955, test=-2861.484)
total time= 1.3min
[CV 1/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-351.926, test=-2590.320)
total time= 37.8s
[CV 4/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-59.556, test=-2785.009)
total time= 1.3min
[CV 2/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-457.511, test=-2444.557)
total time= 37.5s
[CV 5/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-87.100, test=-2916.418)
total time= 1.3min
[CV 3/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

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[CV 3/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-469.853, test=-2862.045)
total time= 37.5s
[CV 1/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2442.210, test=-2494.793)
total time= 1.5s
[CV 2/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2497.965, test=-2398.291)
total time= 1.4s
[CV 4/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2412.724, test=-2622.509)
total time= 1.4s
[CV 1/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2192.120, test=-2479.566)
total time= 2.9s
[CV 3/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2091.812, test=-2745.426)
total time= 2.8s
[CV 5/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2155.592, test=-2711.263)
total time= 2.9s
[CV 3/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1389.221, test=-2798.201)
total time= 19.3s
[CV 2/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-699.824, test=-2474.820)
total time= 48.3s
[CV 3/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1458.407, test=-2827.994)
total time= 19.3s

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[CV 1/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-741.605, test=-2595.394)
total time= 48.7s
[CV 2/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1502.156, test=-2383.230)
total time= 19.3s
[CV 5/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1237.117, test=-2822.976)
total time= 24.3s
[CV 3/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2055.876, test=-2758.560)
total time= 2.5s
[CV 1/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1582.579, test=-2491.812)
total time= 7.3s
[CV 4/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1537.924, test=-2636.931)
total time= 7.4s
[CV 2/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1076.123, test=-2450.351)
total time= 15.1s
[CV 3/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-397.454, test=-2816.306)
total time= 30.1s
[CV 1/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-40.142, test=-2603.871)
total time= 1.3min
[CV 3/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200;; score=(train=-430.613, test=-2847.403)
total time= 30.2s
[CV 1/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-26.645, test=-2604.037)
total time= 1.3min
[CV 3/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-513.936, test=-2842.232)
total time= 30.1s
[CV 1/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-71.073, test=-2595.170)
total time= 1.3min
[CV 2/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-665.342, test=-2471.679)
total time= 29.8s
[CV 5/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-434.264, test=-2888.545)
total time= 37.6s
[CV 5/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2155.592, test=-2711.099)
total time= 2.9s
[CV 3/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1605.119, test=-2750.122)
total time= 7.1s
[CV 1/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1129.823, test=-2551.417)
total time= 14.6s
[CV 4/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1129.296, test=-2722.956)
total time= 14.6s
[CV 4/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200
[CV 4/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-558.075, test=-2793.022)
total time= 29.5s
[CV 2/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-86.102, test=-2441.777)
total time= 1.2min
[CV 2/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-550.589, test=-2463.485)
total time= 29.4s
[CV 5/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-389.788, test=-2872.817)
total time= 37.2s
[CV 1/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1701.823, test=-2503.622)
total time= 7.2s
[CV 4/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1652.148, test=-2636.330)
total time= 7.2s
[CV 2/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1246.508, test=-2391.601)
total time= 14.3s
[CV 1/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-593.843, test=-2543.281)
total time= 29.6s
[CV 4/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-450.418, test=-2747.369)
total time= 37.2s
[CV 3/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2346.773, test=-2783.353)

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total time= 1.4s
[CV 5/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2369.177, test=-2762.471)
total time= 1.4s
[CV 2/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2287.932, test=-2353.339)
total time= 2.9s
[CV 4/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2183.236, test=-2598.120)
total time= 2.8s
[CV 2/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1817.177, test=-2375.265)
total time= 7.3s
[CV 5/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1678.740, test=-2733.841)
total time= 7.2s
[CV 3/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1182.840, test=-2786.795)
total time= 14.6s
[CV 1/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-537.232, test=-2547.578)
total time= 29.6s
[CV 4/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-393.961, test=-2816.347)
total time= 37.0s
[CV 3/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2346.773, test=-2783.062)
total time= 1.4s
[CV 5/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

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[CV 5/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2369.177, test=-2763.126)
total time= 1.5s
[CV 2/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2287.932, test=-2359.421)
total time= 2.9s
[CV 4/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2183.236, test=-2597.496)
total time= 2.9s
[CV 2/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1814.563, test=-2357.598)
total time= 7.3s
[CV 5/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1678.789, test=-2736.761)
total time= 7.2s
[CV 3/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1220.629, test=-2791.887)
total time= 14.7s
[CV 1/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-559.023, test=-2559.016)
total time= 29.5s
[CV 4/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-393.961, test=-2811.556)
total time= 36.6s
[CV 2/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2497.965, test=-2398.146)
total time= 1.4s
[CV 4/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2412.724, test=-2623.104)
total time= 1.4s

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[CV 1/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2192.120, test=-2477.180)
total time= 2.7s
[CV 3/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2091.812, test=-2742.420)
total time= 2.6s
[CV 5/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2155.592, test=-2711.283)
total time= 2.9s
[CV 3/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1627.303, test=-2745.022)
total time= 7.1s
[CV 1/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1142.936, test=-2531.026)
total time= 14.2s
[CV 4/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1129.296, test=-2716.735)
total time= 14.5s
[CV 4/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2369.439, test=-2746.862)
total time= 1.9s
[CV 1/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2206.628, test=-2418.310)
total time= 4.8s
[CV 4/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2158.356, test=-2594.519)
total time= 4.8s
[CV 2/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100;; score=(train=-1996.594, test=-2341.516)
total time= 9.6s
[CV 5/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1800.897, test=-2762.249)
total time= 9.7s
[CV 1/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1278.393, test=-2544.250)
total time= 24.1s
[CV 4/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-666.976, test=-2852.447)
total time= 48.6s
[CV 2/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1323.931, test=-2395.224)
total time= 23.9s
[CV 5/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-729.568, test=-2867.517)
total time= 49.6s
[CV 1/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-249.340, test=-2583.507)
total time= 38.2s
[CV 4/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-27.227, test=-2802.849)
total time= 1.3min
[CV 3/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-283.779, test=-2855.626)
total time= 37.8s
[CV 1/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2423.083, test=-2504.732)
total time= 1.5s
[CV 2/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10
[CV 2/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2477.117, test=-2398.615)
total time= 1.4s
[CV 4/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2401.486, test=-2610.879)
total time= 1.5s
[CV 1/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2163.716, test=-2474.034)
total time= 2.9s
[CV 3/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2100.145, test=-2769.368)
total time= 2.9s
[CV 1/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1628.562, test=-2499.793)
total time= 7.2s
[CV 4/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1612.579, test=-2619.772)
total time= 7.3s
[CV 2/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1163.734, test=-2448.426)
total time= 14.8s
[CV 5/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-995.850, test=-2881.657)
total time= 14.7s
[CV 5/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-456.666, test=-2931.579)
total time= 30.3s
[CV 3/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-67.443, test=-2883.365)

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total time= 1.3min
[CV 5/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-573.589, test=-2898.039)
total time= 30.1s
[CV 3/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-109.131, test=-2823.330)
total time= 1.3min
[CV 5/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-560.755, test=-2854.348)
total time= 29.5s
[CV 3/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-86.259, test=-2901.574)
total time= 1.2min
[CV 5/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-544.266, test=-2830.458)
total time= 29.7s
[CV 3/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-82.856, test=-2880.088)
total time= 1.2min
[CV 1/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2387.407, test=-2503.721)
total time= 1.5s
[CV 3/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2348.851, test=-2785.638)
total time= 1.5s
[CV 5/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2330.752, test=-2794.883)
total time= 1.5s
[CV 2/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 2/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2238.646, test=-2385.583)
total time= 2.9s

[CV 5/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 5/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2069.541, test=-2775.212)
total time= 3.0s

[CV 3/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 3/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1551.283, test=-2739.398)
total time= 7.3s

[CV 5/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 5/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1557.946, test=-2807.297)
total time= 7.7s

[CV 3/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 3/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-994.421, test=-2778.674)
total time= 15.1s

[CV 5/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 5/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-412.286, test=-2886.408)
total time= 30.4s

[CV 3/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 3/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-29.104, test=-2840.393)
total time= 1.3min

[CV 1/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 1/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-247.700, test=-2565.369)
total time= 38.2s

[CV 4/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 4/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-31.588, test=-2775.498)
total time= 1.3min

[CV 2/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 2/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-347.277, test=-2483.734)
total time= 37.6s

[CV 5/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 5/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-54.429, test=-2937.597)
total time= 1.3min

[CV 3/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 3/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-486.150, test=-2855.777)
total time= 37.6s

[CV 1/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 1/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2442.210, test=-2496.076)
total time= 1.5s

[CV 2/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 2/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2497.965, test=-2396.819)
total time= 1.5s

[CV 4/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 4/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2412.724, test=-2623.837)
total time= 1.4s

[CV 1/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 1/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-2192.120, test=-2481.149)
total time= 2.9s

[CV 3/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 3/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-2091.812, test=-2744.435)
total time= 2.8s

[CV 1/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 1/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-1701.823, test=-2509.017)
total time= 7.2s

[CV 4/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 4/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-1652.148, test=-2635.760)
total time= 7.2s

[CV 2/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 2/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100;; score=(train=-1225.910, test=-2418.331)
total time= 14.7s
[CV 5/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1115.570, test=-2807.925)
total time= 14.6s
[CV 1/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-440.830, test=-2560.335)
total time= 37.2s
[CV 4/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-79.392, test=-2842.580)
total time= 1.2min
[CV 2/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-407.622, test=-2442.440)
total time= 36.6s
[CV 5/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-108.784, test=-2870.744)
total time= 1.2min
[CV 3/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1584.051, test=-2757.587)
total time= 7.2s
[CV 1/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1097.035, test=-2520.474)
total time= 14.8s
[CV 4/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-997.523, test=-2693.428)
total time= 14.6s
[CV 2/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-530.483, test=-2474.011)

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total time= 30.1s
[CV 5/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-299.353, test=-2904.294)
total time= 37.6s
[CV 3/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2134.040, test=-2749.665)
total time= 2.9s
[CV 1/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1746.619, test=-2467.642)
total time= 7.3s
[CV 4/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1736.213, test=-2607.768)
total time= 7.3s
[CV 2/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1250.859, test=-2421.633)
total time= 14.7s
[CV 5/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1178.629, test=-2834.929)
total time= 14.7s
[CV 1/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-435.635, test=-2547.295)
total time= 37.3s
[CV 4/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-102.361, test=-2763.705)
total time= 1.2min
[CV 2/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-400.691, test=-2431.748)
total time= 36.7s
[CV 5/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

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[CV 5/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-112.212, test=-2893.369)
total time= 1.2min
[CV 3/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-412.770, test=-2854.763)
total time= 36.7s
[CV 1/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2442.210, test=-2497.900)
total time= 1.4s
[CV 3/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2346.773, test=-2781.597)
total time= 1.4s
[CV 5/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2369.177, test=-2763.939)
total time= 1.4s
[CV 2/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2287.932, test=-2357.968)
total time= 2.9s
[CV 4/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2183.236, test=-2595.988)
total time= 2.8s
[CV 2/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1814.563, test=-2368.933)
total time= 7.2s
[CV 5/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1672.396, test=-2728.730)
total time= 7.1s
[CV 3/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1155.253, test=-2807.210)
total time= 14.5s

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[CV 1/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 1/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-587.550, test=-2569.236) total time= 29.3s

[CV 4/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 4/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-393.961, test=-2816.546) total time= 36.5s

[CV 3/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 3/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2352.549, test=-2786.931) total time= 1.4s

[CV 5/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 5/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2387.120, test=-2769.032) total time= 1.4s

[CV 2/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 2/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-2315.421, test=-2366.863) total time= 2.8s

[CV 4/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 5/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 5/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-429.620, test=-2839.739) total time= 37.2s

[CV 1/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 1/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1701.908, test=-2508.092) total time= 7.3s

[CV 4/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 4/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1652.148, test=-2635.767) total time= 7.2s

[CV 2/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 2/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-1244.537, test=-2425.161) total time= 14.7s

[CV 5/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=100
[CV 5/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1093.269, test=-2794.570)
total time= 14.5s
[CV 1/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-410.121, test=-2598.364)
total time= 37.0s
[CV 4/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-79.392, test=-2842.457)
total time= 1.2min
[CV 2/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-405.954, test=-2435.611)
total time= 36.5s
[CV 5/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-112.095, test=-2876.997)
total time= 1.3min
[CV 3/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-503.816, test=-2859.195)
total time= 36.8s
[CV 1/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2462.260, test=-2502.580)
total time= 1.4s
[CV 3/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2368.658, test=-2798.152)
total time= 1.4s
[CV 5/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2394.499, test=-2771.980)
total time= 1.4s
[CV 2/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2335.387, test=-2350.171)

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total time= 2.8s
[CV 4/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2204.953, test=-2581.234)
total time= 2.8s
[CV 2/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1918.584, test=-2348.780)
total time= 7.1s
[CV 5/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1778.050, test=-2763.657)
total time= 7.0s
[CV 3/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1341.238, test=-2785.693)
total time= 14.4s
[CV 1/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-817.439, test=-2551.467)
total time= 29.2s
[CV 4/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-559.412, test=-2773.854)
total time= 36.0s
[CV 1/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2462.260, test=-2503.443)
total time= 1.4s
[CV 3/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2368.658, test=-2799.456)
total time= 1.4s
[CV 5/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2394.499, test=-2772.424)
total time= 1.4s
[CV 2/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 2/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2335.387, test=-2354.424)
total time= 2.8s
[CV 4/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2204.953, test=-2581.906)
total time= 2.8s
[CV 2/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1918.640, test=-2352.120)
total time= 7.1s
[CV 5/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1778.052, test=-2761.278)
total time= 7.2s
[CV 3/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1341.238, test=-2784.805)
total time= 14.5s
[CV 1/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1605.121, test=-2748.071)
total time= 7.1s
[CV 1/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1145.866, test=-2555.604)
total time= 14.6s
[CV 4/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1129.296, test=-2721.618)
total time= 14.6s
[CV 4/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-558.075, test=-2791.593)
total time= 29.4s
[CV 2/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-83.187, test=-2448.710)
total time= 1.2min

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[CV 2/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 2/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-583.558, test=-2434.036) total time= 29.4s

[CV 5/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 5/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-398.372, test=-2870.996) total time= 36.8s

[CV 1/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 1/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1723.060, test=-2471.690) total time= 7.1s

[CV 4/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 4/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1732.633, test=-2616.109) total time= 7.2s

[CV 2/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 2/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1385.977, test=-2434.769) total time= 14.7s

[CV 5/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 5/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1202.465, test=-2799.669) total time= 14.6s

[CV 1/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 1/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-497.412, test=-2500.210) total time= 37.2s

[CV 4/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 4/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-113.963, test=-2821.053) total time= 1.2min

[CV 2/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 2/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-601.824, test=-2397.888) total time= 36.2s

[CV 5/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 5/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500;; score=(train=-213.462, test=-2897.248)
total time= 1.2min
[CV 3/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-644.270, test=-2848.485)
total time= 36.7s
[CV 1/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2462.260, test=-2503.488)
total time= 1.4s
[CV 3/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2368.658, test=-2799.241)
total time= 1.4s
[CV 5/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2394.499, test=-2771.216)
total time= 1.4s
[CV 2/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2335.387, test=-2354.287)
total time= 2.8s
[CV 4/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2204.953, test=-2583.099)
total time= 2.8s
[CV 2/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1918.584, test=-2347.942)
total time= 7.1s
[CV 5/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1778.049, test=-2761.294)
total time= 7.1s
[CV 3/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1359.347, test=-2792.228)
total time= 14.4s
[CV 1/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200
[CV 1/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-841.450, test=-2553.648)
total time= 29.4s
[CV 4/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-559.412, test=-2775.554)
total time= 35.8s
[CV 2/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2511.147, test=-2393.221)
total time= 1.4s
[CV 4/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2430.520, test=-2626.428)
total time= 1.4s
[CV 1/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2269.891, test=-2461.419)
total time= 2.9s
[CV 4/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-558.075, test=-2793.895)
total time= 29.6s
[CV 2/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-82.995, test=-2444.812)
total time= 1.2min
[CV 2/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-762.216, test=-2483.742)
total time= 29.4s
[CV 5/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-505.414, test=-2837.544)
total time= 36.7s
[CV 1/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1825.851, test=-2466.150)
total time= 7.0s
[CV 4/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50
[CV 4/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1727.721, test=-2622.550)
total time= 6.9s
[CV 2/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1385.204, test=-2387.912)
total time= 14.5s
[CV 5/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1333.814, test=-2810.923)
total time= 14.4s
[CV 1/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-629.621, test=-2543.687)
total time= 36.9s
[CV 4/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-174.434, test=-2821.380)
total time= 1.2min
[CV 2/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-589.954, test=-2448.734)
total time= 36.4s
[CV 5/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-213.462, test=-2897.623)
total time= 1.2min
[CV 3/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-669.071, test=-2865.179)
total time= 37.2s
[CV 1/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2462.260, test=-2502.213)
total time= 1.4s
[CV 3/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2368.658, test=-2799.885)

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total time= 1.4s
[CV 5/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2394.499, test=-2771.785)
total time= 1.4s
[CV 2/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2335.387, test=-2345.944)
total time= 2.8s
[CV 4/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2204.953, test=-2583.144)
total time= 2.8s
[CV 2/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1918.584, test=-2349.775)
total time= 7.1s
[CV 5/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1778.051, test=-2758.410)
total time= 7.0s
[CV 3/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1359.347, test=-2791.421)
total time= 14.4s
[CV 1/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-810.522, test=-2557.010)
total time= 29.1s
[CV 4/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-559.412, test=-2780.019)
total time= 36.4s
[CV 3/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2385.585, test=-2786.550)
total time= 1.4s
[CV 5/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

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[CV 5/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2408.356, test=-2760.055)
total time= 1.4s

[CV 2/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 2/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2351.131, test=-2341.395)
total time= 2.8s

[CV 4/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 4/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2183.619, test=-2602.851)
total time= 2.6s

[CV 2/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 2/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1948.099, test=-2355.529)
total time= 6.9s

[CV 5/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 5/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1817.307, test=-2724.831)
total time= 6.9s

[CV 5/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 5/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1096.482, test=-2807.231)
total time= 14.4s

[CV 1/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 1/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-440.830, test=-2562.310)
total time= 37.1s

[CV 4/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 4/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-79.392, test=-2842.320)
total time= 1.2min

[CV 2/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 2/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-536.714, test=-2500.604)
total time= 36.8s

[CV 5/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 5/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-143.926, test=-2913.288)
total time= 1.2min

[CV 3/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 3/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-669.071, test=-2864.744)
total time= 36.9s
[CV 2/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2511.147, test=-2390.912)
total time= 1.4s
[CV 4/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 4/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2430.520, test=-2623.950)
total time= 1.4s
[CV 1/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 1/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2269.891, test=-2461.363)
total time= 2.9s
[CV 3/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 3/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2146.976, test=-2753.338)
total time= 2.8s
[CV 1/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 1/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1825.853, test=-2465.081)
total time= 7.0s
[CV 4/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 4/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1727.721, test=-2621.935)
total time= 6.8s
[CV 2/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 2/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1401.327, test=-2384.103)
total time= 14.2s
[CV 5/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 5/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1314.424, test=-2810.992)
total time= 14.2s
[CV 1/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 1/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250;; score=(train=-681.719, test=-2527.604)
total time= 36.9s
[CV 4/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-174.434, test=-2817.613)
total time= 1.2min
[CV 2/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-601.824, test=-2398.604)
total time= 35.9s
[CV 5/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-226.034, test=-2903.918)
total time= 1.2min
[CV 3/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-644.270, test=-2850.675)
total time= 36.9s
[CV 1/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2476.171, test=-2491.002)
total time= 1.4s
[CV 2/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2521.197, test=-2386.440)
total time= 1.4s
[CV 4/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2415.000, test=-2634.700)
total time= 1.4s
[CV 1/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2281.881, test=-2446.882)
total time= 2.8s
[CV 3/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2175.464, test=-2756.230)
total time= 2.8s
[CV 1/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 1/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1843.718, test=-2441.234)
total time= 6.9s
[CV 4/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1796.443, test=-2608.119)
total time= 6.9s
[CV 2/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1484.355, test=-2388.783)
total time= 14.2s
[CV 5/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1372.845, test=-2780.596)
total time= 14.3s
[CV 1/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2226.681, test=-2591.288)
total time= 2.8s
[CV 2/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1865.014, test=-2376.038)
total time= 7.1s
[CV 5/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1729.600, test=-2729.951)
total time= 7.2s
[CV 3/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1208.331, test=-2806.909)
total time= 14.5s
[CV 1/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-713.132, test=-2528.041)
total time= 29.6s
[CV 4/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-468.593, test=-2779.414)

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total time= 36.4s
[CV 2/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2511.147, test=-2395.279)
total time= 1.4s
[CV 4/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2430.520, test=-2625.035)
total time= 1.4s
[CV 1/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2269.891, test=-2461.645)
total time= 2.8s
[CV 3/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2146.976, test=-2754.004)
total time= 2.7s
[CV 5/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2188.945, test=-2726.667)
total time= 2.8s
[CV 3/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1751.705, test=-2749.733)
total time= 7.0s
[CV 1/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1336.779, test=-2503.638)
total time= 14.3s
[CV 4/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1253.278, test=-2676.706)
total time= 14.2s
[CV 4/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-736.407, test=-2748.308)
total time= 29.0s
[CV 1/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

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[CV 1/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500;; score=(train=-224.048, test=-2584.806)
 total time= 1.2min
 [CV 3/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=200
 [CV 3/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=200;; score=(train=-825.680, test=-2826.203)
 total time= 29.3s
 [CV 2/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=500
 [CV 2/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=500;; score=(train=-176.280, test=-2471.726)
 total time= 1.2min
 [CV 2/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200
 [CV 2/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200;; score=(train=-771.909, test=-2436.319)
 total time= 28.8s
 [CV 5/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=250
 [CV 5/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=250;; score=(train=-665.042, test=-2872.808)
 total time= 36.7s
 [CV 5/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=20
 [CV 5/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=20;; score=(train=-2188.945, test=-2728.619)
 total time= 2.8s
 [CV 3/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=50
 [CV 3/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=50;; score=(train=-1751.702, test=-2748.696)
 total time= 7.1s
 [CV 1/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100
 [CV 1/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100;; score=(train=-1334.857, test=-2493.480)
 total time= 14.3s
 [CV 4/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100
 [CV 4/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100;; score=(train=-1253.278, test=-2673.777)
 total time= 14.1s
 [CV 4/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200
 [CV 4/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200;; score=(train=-736.407, test=-2746.556)
 total time= 28.9s

[CV 2/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 2/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-163.886, test=-2478.338)
total time= 1.2min

[CV 2/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 2/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-861.780, test=-2430.138)
total time= 28.4s

[CV 5/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 5/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-760.767, test=-2800.203)
total time= 36.5s

[CV 5/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 5/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2223.553, test=-2710.820)
total time= 2.8s

[CV 1/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-95.827, test=-2600.292)
total time= 1.2min

[CV 3/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 3/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-656.091, test=-2850.026)
total time= 29.8s

[CV 1/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-98.760, test=-2601.609)
total time= 1.2min

[CV 3/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 3/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-592.259, test=-2852.806)
total time= 29.4s

[CV 1/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-80.226, test=-2579.333)
total time= 1.2min

[CV 3/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 3/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-676.043, test=-2851.137)
total time= 29.3s

[CV 2/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 2/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-133.574, test=-2524.781)
total time= 1.2min

[CV 2/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 2/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-779.152, test=-2431.828)
total time= 28.7s

[CV 5/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 5/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-625.128, test=-2870.575)
total time= 36.6s

[CV 5/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 5/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2188.945, test=-2727.232)
total time= 2.9s

[CV 3/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 3/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1751.702, test=-2751.737)
total time= 7.1s

[CV 1/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 1/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1339.773, test=-2504.637)
total time= 14.2s

[CV 4/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 4/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1253.278, test=-2675.205)
total time= 14.1s

[CV 4/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 4/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-736.407, test=-2739.866)
total time= 28.9s

[CV 1/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 1/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-227.300, test=-2566.773)
total time= 1.2min

[CV 4/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 4/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200;; score=(train=-736.407, test=-2745.833)
total time= 28.9s
[CV 2/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-176.280, test=-2471.208)
total time= 1.2min
[CV 2/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-800.150, test=-2402.136)
total time= 29.1s
[CV 5/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-677.549, test=-2846.522)
total time= 37.5s
[CV 5/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2223.553, test=-2710.277)
total time= 2.8s
[CV 3/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1817.753, test=-2759.599)
total time= 7.0s
[CV 1/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1435.441, test=-2499.378)
total time= 14.3s
[CV 4/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1356.601, test=-2671.494)
total time= 14.2s
[CV 4/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-830.866, test=-2757.217)
total time= 28.5s
[CV 2/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-243.913, test=-2490.274)
total time= 1.2min
[CV 2/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200
[CV 2/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-861.781, test=-2431.973)
total time= 28.6s
[CV 5/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-760.767, test=-2801.577)
total time= 36.6s
[CV 5/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2223.553, test=-2710.683)
total time= 2.9s
[CV 3/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1817.753, test=-2760.066)
total time= 7.0s
[CV 3/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-424.574, test=-2860.880)
total time= 36.9s
[CV 1/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2462.027, test=-2497.917)
total time= 1.5s
[CV 2/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2505.198, test=-2401.831)
total time= 1.4s
[CV 4/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2421.317, test=-2621.728)
total time= 1.4s
[CV 1/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2237.551, test=-2472.147)
total time= 2.9s
[CV 3/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2107.793, test=-2747.694)
total time= 2.8s
[CV 5/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20
[CV 5/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2176.773, test=-2713.824)
total time= 2.9s
[CV 3/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1684.526, test=-2758.713)
total time= 7.0s
[CV 1/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1189.885, test=-2502.047)
total time= 14.5s
[CV 4/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1219.456, test=-2668.458)
total time= 14.5s
[CV 4/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-636.645, test=-2761.286)
total time= 29.0s
[CV 1/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-138.370, test=-2548.855)
total time= 1.2min
[CV 3/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-832.536, test=-2844.394)
total time= 29.3s
[CV 2/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-177.580, test=-2480.616)
total time= 1.2min
[CV 2/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-771.909, test=-2428.898)
total time= 28.8s
[CV 5/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-638.656, test=-2858.317)

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total time= 36.8s
[CV 5/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2188.945, test=-2728.978)
total time= 2.8s
[CV 3/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1751.705, test=-2753.221)
total time= 7.0s
[CV 1/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1335.588, test=-2504.802)
total time= 14.4s
[CV 4/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1253.278, test=-2674.885)
total time= 14.1s
[CV 3/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-828.260, test=-2822.063)
total time= 29.4s
[CV 1/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-237.055, test=-2565.651)
total time= 1.2min
[CV 3/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-825.680, test=-2827.465)
total time= 29.1s
[CV 1/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-221.256, test=-2586.088)
total time= 1.2min
[CV 3/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-929.190, test=-2847.392)
total time= 28.7s
[CV 1/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

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[CV 1/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-349.124, test=-2577.590)
total time= 1.2min

[CV 4/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 4/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-836.342, test=-2763.761)
total time= 28.7s

[CV 2/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 2/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-248.642, test=-2465.798)
total time= 1.2min

[CV 2/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 2/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-912.748, test=-2422.671)
total time= 28.6s

[CV 3/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 3/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2146.976, test=-2753.465)
total time= 2.8s

[CV 1/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 1/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1828.158, test=-2470.362)
total time= 7.1s

[CV 4/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 4/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1727.721, test=-2618.449)
total time= 6.9s

[CV 2/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 2/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1401.327, test=-2383.297)
total time= 14.3s

[CV 5/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 5/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1348.385, test=-2815.691)
total time= 14.4s

[CV 1/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 1/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-657.839, test=-2538.644)
total time= 36.7s

[CV 4/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 4/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-174.434, test=-2816.371)
total time= 1.2min

[CV 2/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 2/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-681.435, test=-2444.971)
total time= 36.0s

[CV 5/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 5/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-293.875, test=-2870.773)
total time= 1.2min

[CV 3/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 3/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-766.114, test=-2898.347)
total time= 35.9s

[CV 1/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 1/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2476.171, test=-2491.608)
total time= 1.4s

[CV 3/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 3/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2385.585, test=-2785.972)
total time= 1.4s

[CV 5/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 5/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2408.356, test=-2759.225)
total time= 1.4s

[CV 2/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 2/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2351.131, test=-2337.850)
total time= 2.8s

[CV 4/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 4/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2183.619, test=-2601.435)
total time= 2.7s

[CV 2/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 2/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50;; score=(train=-1948.099, test=-2354.310)
total time= 6.9s
[CV 5/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1817.308, test=-2724.742)
total time= 6.9s
[CV 3/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1415.284, test=-2806.482)
total time= 14.2s
[CV 1/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-925.122, test=-2531.550)
total time= 28.6s
[CV 4/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-661.582, test=-2785.134)
total time= 35.6s
[CV 1/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2476.171, test=-2491.458)
total time= 1.5s
[CV 3/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2385.585, test=-2786.485)
total time= 1.4s
[CV 5/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2408.356, test=-2759.534)
total time= 1.4s
[CV 2/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2351.131, test=-2339.673)
total time= 2.8s
[CV 4/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2183.619, test=-2601.491)
total time= 2.7s
[CV 2/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50
[CV 2/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1948.100, test=-2353.306)
total time= 6.9s
[CV 5/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1817.308, test=-2725.678)
total time= 7.0s
[CV 3/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1413.683, test=-2822.525)
total time= 14.5s
[CV 1/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-803.391, test=-2537.626)
total time= 29.1s
[CV 4/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-559.412, test=-2773.864)
total time= 35.9s
[CV 2/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2511.147, test=-2395.416)
total time= 1.4s
[CV 4/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2430.520, test=-2624.264)
total time= 1.4s
[CV 1/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2269.891, test=-2461.622)
total time= 2.8s
[CV 3/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2146.976, test=-2755.022)
total time= 2.7s
[CV 1/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1828.171, test=-2472.177)
total time= 7.0s
[CV 4/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 4/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1727.721, test=-2620.412)
total time= 6.9s
[CV 2/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1375.972, test=-2398.954)
total time= 14.3s
[CV 5/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1333.814, test=-2812.972)
total time= 14.3s
[CV 1/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-679.690, test=-2562.328)
total time= 36.6s
[CV 4/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-174.434, test=-2817.882)
total time= 1.2min
[CV 2/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-578.893, test=-2454.380)
total time= 36.2s
[CV 5/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-223.853, test=-2890.329)
total time= 1.2min
[CV 3/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-781.235, test=-2884.397)
total time= 36.4s
[CV 1/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2476.171, test=-2490.186)
total time= 1.4s
[CV 2/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2521.197, test=-2389.255)

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total time= 1.4s
[CV 4/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2415.000, test=-2634.861)
total time= 1.5s
[CV 1/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2281.881, test=-2441.483)
total time= 2.8s
[CV 3/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2175.464, test=-2755.586)
total time= 2.8s
[CV 1/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1843.718, test=-2442.799)
total time= 6.9s
[CV 4/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1796.443, test=-2609.761)
total time= 6.9s
[CV 2/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1484.355, test=-2385.270)
total time= 14.1s
[CV 5/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1372.845, test=-2781.026)
total time= 14.2s
[CV 1/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-772.602, test=-2547.420)
total time= 36.3s
[CV 4/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-250.594, test=-2838.990)
total time= 1.2min
[CV 2/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 2/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-730.473, test=-2439.701)
total time= 35.9s

[CV 5/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 5/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-299.603, test=-2898.199)
total time= 1.2min

[CV 3/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 3/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-751.911, test=-2893.076)
total time= 35.9s

[CV 3/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 3/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1449.346, test=-2817.088)
total time= 14.4s

[CV 1/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 1/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-925.122, test=-2524.118)
total time= 29.2s

[CV 4/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 4/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-661.582, test=-2782.548)
total time= 36.0s

[CV 3/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 3/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2385.585, test=-2786.875)
total time= 1.5s

[CV 5/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 5/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2408.356, test=-2759.208)
total time= 1.4s

[CV 2/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 2/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2351.131, test=-2338.947)
total time= 2.8s

[CV 4/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 4/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2183.619, test=-2602.856)
total time= 2.7s

[CV 2/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1948.099, test=-2353.267)
total time= 6.9s
[CV 5/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1817.308, test=-2726.672)
total time= 7.0s
[CV 3/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1426.975, test=-2815.866)
total time= 14.3s
[CV 1/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-925.122, test=-2528.882)
total time= 29.2s
[CV 4/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-661.579, test=-2783.392)
total time= 35.7s
[CV 2/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2521.197, test=-2387.283)
total time= 1.4s
[CV 4/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2415.000, test=-2634.987)
total time= 1.4s
[CV 1/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2281.881, test=-2444.045)
total time= 2.8s
[CV 3/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2175.464, test=-2755.687)
total time= 2.7s
[CV 1/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50;; score=(train=-1843.718, test=-2443.669)
total time= 6.9s
[CV 4/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1796.444, test=-2609.048)
total time= 7.0s
[CV 2/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1484.356, test=-2387.704)
total time= 14.1s
[CV 5/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1351.533, test=-2773.377)
total time= 13.9s
[CV 1/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-771.916, test=-2550.045)
total time= 36.1s
[CV 4/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-260.622, test=-2855.200)
total time= 1.2min
[CV 2/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-681.435, test=-2443.839)
total time= 35.7s
[CV 5/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-293.939, test=-2866.260)
total time= 1.2min
[CV 4/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2445.913, test=-2562.546)
total time= 1.2s
[CV 2/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2360.928, test=-2335.751)
total time= 3.0s
[CV 5/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50
[CV 5/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2257.857, test=-2705.031)
total time= 3.0s
[CV 3/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2025.497, test=-2759.776)
total time= 6.1s
[CV 1/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-567.324, test=-2833.338)
total time= 29.3s
[CV 3/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-83.417, test=-2872.374)
total time= 1.2min
[CV 5/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-634.839, test=-2842.820)
total time= 29.3s
[CV 3/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-141.068, test=-2872.834)
total time= 1.2min
[CV 5/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-798.364, test=-2851.637)
total time= 29.1s
[CV 3/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-203.786, test=-2865.154)
total time= 1.2min
[CV 5/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-798.364, test=-2851.314)
total time= 29.2s
[CV 3/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

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[CV 3/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-203.786, test=-2865.790)
total time= 1.2min

[CV 5/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 5/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-806.293, test=-2836.487)
total time= 29.5s

[CV 3/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-203.786, test=-2868.653)
total time= 1.2min

[CV 5/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 5/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-846.973, test=-2849.437)
total time= 29.7s

[CV 3/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 3/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-203.786, test=-2868.194)
total time= 1.2min

[CV 5/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 5/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-925.255, test=-2790.614)
total time= 28.9s

[CV 3/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 3/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-311.052, test=-2899.145)
total time= 1.2min

[CV 5/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 5/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-892.316, test=-2811.057)
total time= 28.7s

[CV 3/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 3/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-286.567, test=-2896.956)
total time= 1.2min

[CV 5/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 5/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-901.447, test=-2821.588)
total time= 29.0s

[CV 3/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 3/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-286.177, test=-2899.524) total time= 1.2min

[CV 4/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 4/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-830.868, test=-2756.864) total time= 28.5s

[CV 2/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 2/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-252.644, test=-2473.328) total time= 1.2min

[CV 3/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 3/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-1508.094, test=-2815.677) total time= 15.2s

[CV 5/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 5/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-944.117, test=-2874.613) total time= 30.5s

[CV 5/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 5/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-1514.217, test=-2873.429) total time= 15.2s

[CV 3/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10
[CV 3/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10;; score=(train=-2488.570, test=-2756.107) total time= 0.6s

[CV 1/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 1/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-2475.447, test=-2399.757) total time= 1.2s

[CV 4/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 4/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-2449.622, test=-2558.603) total time= 1.2s

[CV 2/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 2/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50;; score=(train=-2378.269, test=-2350.571)
total time= 3.1s
[CV 5/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2253.249, test=-2694.536)
total time= 3.0s
[CV 3/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-771.916, test=-2554.045)
total time= 36.7s
[CV 4/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-250.594, test=-2835.335)
total time= 1.2min
[CV 2/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-730.472, test=-2438.263)
total time= 36.2s
[CV 5/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-288.374, test=-2853.348)
total time= 1.2min
[CV 3/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-766.114, test=-2893.447)
total time= 36.3s
[CV 2/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2521.197, test=-2389.315)
total time= 1.4s
[CV 4/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2415.000, test=-2636.042)
total time= 1.4s
[CV 1/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2281.881, test=-2444.141)
total time= 2.8s
[CV 3/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 3/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2175.464, test=-2755.831)
total time= 2.8s
[CV 1/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1843.717, test=-2442.547)
total time= 7.0s
[CV 4/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1796.443, test=-2608.627)
total time= 6.9s
[CV 2/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1484.355, test=-2385.460)
total time= 14.3s
[CV 5/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1372.845, test=-2779.255)
total time= 14.2s
[CV 1/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-772.602, test=-2544.575)
total time= 36.1s
[CV 4/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-260.622, test=-2854.809)
total time= 1.2min
[CV 4/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-884.392, test=-2770.187)
total time= 30.2s
[CV 2/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1599.265, test=-2460.774)
total time= 15.2s
[CV 5/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-936.698, test=-2909.202)

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total time= 30.3s
[CV 4/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1497.885, test=-2689.720)
total time= 15.1s
[CV 1/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2563.175, test=-2438.832)
total time= 0.6s
[CV 3/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2488.570, test=-2756.107)
total time= 0.6s
[CV 5/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2487.062, test=-2733.301)
total time= 0.6s
[CV 2/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2511.315, test=-2316.233)
total time= 1.2s
[CV 5/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2410.577, test=-2706.056)
total time= 1.2s
[CV 3/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2275.822, test=-2714.023)
total time= 3.0s
[CV 1/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2097.734, test=-2435.837)
total time= 6.1s
[CV 4/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2061.827, test=-2593.744)
total time= 6.0s
[CV 4/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

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[CV 4/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1694.786, test=-2669.548)
total time= 12.1s
[CV 2/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2562.880, test=-2438.791)
total time= 0.6s
[CV 2/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2590.856, test=-2351.183)
total time= 0.6s
[CV 3/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2488.570, test=-2756.107)
total time= 0.6s
[CV 4/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2526.465, test=-2590.230)
total time= 0.6s
[CV 5/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2485.766, test=-2732.658)
total time= 0.6s
[CV 2/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2509.781, test=-2318.564)
total time= 1.2s
[CV 4/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2445.913, test=-2562.680)
total time= 1.2s
[CV 1/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2325.999, test=-2400.758)
total time= 3.0s
[CV 3/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50;; score=(train=-2273.236, test=-2715.057)
total time= 3.0s
[CV 1/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2074.694, test=-2452.261)
total time= 6.1s
[CV 4/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2044.021, test=-2606.265)
total time= 6.0s
[CV 2/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1751.784, test=-2425.679)
total time= 12.2s
[CV 5/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1673.452, test=-2815.298)
total time= 12.2s
[CV 5/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1537.140, test=-2810.290)
total time= 15.3s
[CV 3/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2488.570, test=-2756.614)
total time= 0.6s
[CV 5/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2485.766, test=-2732.658)
total time= 0.6s
[CV 2/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2509.781, test=-2318.288)
total time= 1.2s
[CV 5/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2403.949, test=-2702.341)
total time= 1.2s
[CV 3/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50
[CV 3/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2278.083, test=-2707.940)
total time= 3.0s
[CV 1/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2079.351, test=-2446.109)
total time= 6.1s
[CV 4/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2058.460, test=-2599.892)
total time= 6.1s
[CV 3/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1664.835, test=-2809.161)
total time= 12.4s
[CV 2/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-998.989, test=-2500.142)
total time= 30.5s
[CV 3/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1705.644, test=-2795.616)
total time= 12.1s
[CV 1/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-971.017, test=-2601.703)
total time= 30.2s
[CV 2/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1790.987, test=-2407.184)
total time= 12.1s
[CV 4/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1538.650, test=-2694.913)
total time= 15.1s
[CV 3/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2485.294, test=-2761.000)

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total time= 0.6s
[CV 1/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-739.165, test=-2831.577)
total time= 36.2s
[CV 5/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2223.553, test=-2710.961)
total time= 2.8s
[CV 3/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1817.753, test=-2761.405)
total time= 6.9s
[CV 1/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1409.116, test=-2489.355)
total time= 14.1s
[CV 4/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1356.601, test=-2673.488)
total time= 14.0s
[CV 3/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-919.681, test=-2857.857)
total time= 28.7s
[CV 1/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-336.418, test=-2571.368)
total time= 1.2min
[CV 4/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1478.922, test=-2690.802)
total time= 15.3s
[CV 1/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2562.880, test=-2438.865)
total time= 0.6s

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[CV 2/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 2/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2590.856, test=-2348.380) total time= 0.6s
[CV 4/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 4/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2526.465, test=-2590.667) total time= 0.6s
[CV 1/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 1/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2474.976, test=-2399.343) total time= 1.2s
[CV 3/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 3/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2410.649, test=-2718.590) total time= 1.2s
[CV 1/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 1/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-2319.173, test=-2407.155) total time= 3.1s
[CV 4/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 4/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-2290.196, test=-2580.212) total time= 3.1s
[CV 2/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 2/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-2151.595, test=-2380.690) total time= 6.2s
[CV 5/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 5/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-2045.857, test=-2754.029) total time= 6.1s
[CV 5/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 5/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-1676.354, test=-2834.335) total time= 12.2s
[CV 3/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 3/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500;; score=(train=-922.955, test=-2911.690)
total time= 30.5s
[CV 1/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1565.810, test=-2505.858)
total time= 15.4s
[CV 4/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-940.574, test=-2783.511)
total time= 30.4s
[CV 2/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1629.887, test=-2439.763)
total time= 15.3s
[CV 5/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1004.036, test=-2901.520)
total time= 30.6s
[CV 3/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1547.345, test=-2847.925)
total time= 15.3s
[CV 1/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2564.130, test=-2440.279)
total time= 0.6s
[CV 2/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2590.972, test=-2341.615)
total time= 0.6s
[CV 3/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2485.294, test=-2761.511)
total time= 0.6s
[CV 4/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2526.613, test=-2589.736)
total time= 0.6s
[CV 1/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100
[CV 1/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1409.116, test=-2490.410)
total time= 14.1s
[CV 4/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1356.600, test=-2674.811)
total time= 14.3s
[CV 4/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-830.866, test=-2761.017)
total time= 28.7s
[CV 2/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-231.087, test=-2481.065)
total time= 1.2min
[CV 2/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-912.747, test=-2424.750)
total time= 28.7s
[CV 5/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-739.165, test=-2832.351)
total time= 36.4s
[CV 4/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2290.173, test=-2581.534)
total time= 3.0s
[CV 2/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2142.285, test=-2380.915)
total time= 6.1s
[CV 5/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2042.983, test=-2751.262)
total time= 6.1s
[CV 3/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1658.195, test=-2785.041)

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total time= 12.2s
[CV 1/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1547.459, test=-2503.582)
total time= 15.2s
[CV 2/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-994.054, test=-2530.953)
total time= 30.5s
[CV 4/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1647.811, test=-2658.556)
total time= 12.2s
[CV 1/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-931.294, test=-2573.603)
total time= 30.3s
[CV 2/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1779.526, test=-2408.031)
total time= 12.1s
[CV 5/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1525.585, test=-2840.240)
total time= 15.2s
[CV 3/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2414.444, test=-2718.839)
total time= 1.2s
[CV 1/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2323.858, test=-2408.647)
total time= 3.0s
[CV 4/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2301.414, test=-2571.720)
total time= 3.0s
[CV 2/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

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[CV 2/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2171.636, test=-2367.746)
total time= 6.1s
[CV 5/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2054.985, test=-2745.158)
total time= 6.1s
[CV 1/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1608.449, test=-2513.676)
total time= 15.2s
[CV 4/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-974.855, test=-2787.353)
total time= 30.3s
[CV 2/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1619.756, test=-2420.313)
total time= 15.1s
[CV 5/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-961.295, test=-2849.741)
total time= 30.3s
[CV 3/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1547.345, test=-2845.499)
total time= 15.1s
[CV 1/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2564.130, test=-2440.279)
total time= 0.6s
[CV 2/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2590.972, test=-2346.091)
total time= 0.6s
[CV 1/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1694.404, test=-2488.390)
total time= 12.3s
[CV 3/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

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[CV 3/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1507.021, test=-2842.968)
total time= 15.2s
[CV 1/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2563.175, test=-2438.832)
total time= 0.6s
[CV 4/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2526.757, test=-2589.485)
total time= 0.6s
[CV 2/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2511.315, test=-2322.134)
total time= 1.2s
[CV 5/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2403.949, test=-2701.503)
total time= 1.2s
[CV 3/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2283.855, test=-2717.049)
total time= 3.0s
[CV 1/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2096.141, test=-2443.946)
total time= 6.1s
[CV 4/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2061.571, test=-2575.165)
total time= 6.1s
[CV 4/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1659.966, test=-2645.324)
total time= 12.2s
[CV 2/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1042.930, test=-2537.097)
total time= 30.4s

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[CV 3/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-1708.166, test=-2790.362) total time= 12.3s
[CV 1/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 1/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-1019.368, test=-2576.260) total time= 30.6s
[CV 2/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 2/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-1784.652, test=-2404.812) total time= 12.2s
[CV 5/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 5/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-1541.621, test=-2792.534) total time= 15.2s
[CV 4/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 4/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-2448.343, test=-2557.294) total time= 1.2s
[CV 2/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 2/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-2378.500, test=-2330.787) total time= 3.0s
[CV 5/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 5/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-2268.514, test=-2689.897) total time= 3.0s
[CV 3/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 3/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-2048.556, test=-2768.763) total time= 6.1s
[CV 1/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 1/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-1707.642, test=-2494.514) total time= 12.1s
[CV 4/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 4/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250;; score=(train=-1512.345, test=-2671.944)
total time= 15.1s
[CV 4/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2526.613, test=-2589.736)
total time= 0.6s
[CV 1/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2482.835, test=-2399.916)
total time= 1.2s
[CV 4/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2448.343, test=-2558.292)
total time= 1.2s
[CV 2/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2378.500, test=-2334.016)
total time= 3.0s
[CV 5/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2268.514, test=-2688.526)
total time= 3.0s
[CV 3/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2048.556, test=-2765.963)
total time= 6.0s
[CV 1/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1707.642, test=-2494.949)
total time= 12.1s
[CV 4/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1817.755, test=-2760.592)
total time= 7.0s
[CV 1/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1409.116, test=-2486.653)

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total time= 14.1s
[CV 4/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1356.601, test=-2673.612)
total time= 14.1s
[CV 3/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-945.761, test=-2864.681)
total time= 28.9s
[CV 1/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-327.781, test=-2599.303)
total time= 1.2min
[CV 3/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-929.190, test=-2849.131)
total time= 29.0s
[CV 1/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-349.124, test=-2577.605)
total time= 1.2min
[CV 5/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-888.033, test=-2802.484)
total time= 29.3s
[CV 3/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-286.567, test=-2899.685)
total time= 1.2min
[CV 1/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-953.104, test=-2580.643)
total time= 30.5s
[CV 2/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1768.933, test=-2439.881)
total time= 12.3s
[CV 4/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

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[CV 4/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1482.863, test=-2678.969)
total time= 15.2s
[CV 2/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2590.856, test=-2348.777)
total time= 0.6s
[CV 5/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2485.766, test=-2732.658)
total time= 0.6s
[CV 3/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2413.146, test=-2720.613)
total time= 1.2s
[CV 1/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2328.042, test=-2407.474)
total time= 3.0s
[CV 4/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2307.575, test=-2569.488)
total time= 3.0s
[CV 2/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2180.229, test=-2369.239)
total time= 6.0s
[CV 5/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2041.441, test=-2746.739)
total time= 6.0s
[CV 5/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1679.774, test=-2817.291)
total time= 12.2s
[CV 3/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-980.846, test=-2935.650)
total time= 30.4s

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[CV 5/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 5/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-1710.351, test=-2827.424) total time= 12.4s
[CV 3/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 3/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-1018.443, test=-2913.688) total time= 30.7s
[CV 5/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 5/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-1694.109, test=-2770.399) total time= 12.1s
[CV 3/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 3/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-1007.525, test=-2907.787) total time= 30.1s
[CV 4/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 4/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-1658.563, test=-2650.003) total time= 12.0s
[CV 2/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 2/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-1037.624, test=-2494.181) total time= 30.1s
[CV 3/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 3/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-1702.199, test=-2818.748) total time= 12.2s
[CV 1/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 1/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-925.122, test=-2529.667) total time= 29.1s
[CV 4/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 4/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-672.264, test=-2786.803) total time= 35.9s
[CV 1/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 1/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20;; score=(train=-2474.976, test=-2399.350)
total time= 1.2s
[CV 3/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2410.649, test=-2718.590)
total time= 1.2s
[CV 5/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2403.828, test=-2703.325)
total time= 1.2s
[CV 2/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2361.688, test=-2332.713)
total time= 3.1s
[CV 5/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2260.371, test=-2698.988)
total time= 3.1s
[CV 3/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2025.865, test=-2741.399)
total time= 6.0s
[CV 1/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1709.694, test=-2487.111)
total time= 12.0s
[CV 4/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1648.558, test=-2667.497)
total time= 12.2s
[CV 2/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1602.303, test=-2428.973)
total time= 15.3s
[CV 3/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-935.138, test=-2884.073)
total time= 30.5s
[CV 1/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250
[CV 1/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1521.626, test=-2522.950)
total time= 15.2s
[CV 4/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-907.711, test=-2770.059)
total time= 30.4s
[CV 2/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1609.265, test=-2433.097)
total time= 15.2s
[CV 5/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-988.167, test=-2874.960)
total time= 30.5s
[CV 5/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1547.391, test=-2849.193)
total time= 15.2s
[CV 5/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2492.048, test=-2721.050)
total time= 0.6s
[CV 3/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2407.308, test=-2724.968)
total time= 1.2s
[CV 1/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2329.040, test=-2425.646)
total time= 3.0s
[CV 4/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2286.902, test=-2579.099)
total time= 3.0s
[CV 2/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2164.008, test=-2361.575)

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total time= 6.1s
[CV 5/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2054.730, test=-2716.396)
total time= 6.1s
[CV 1/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1545.292, test=-2520.354)
total time= 15.1s
[CV 4/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-961.754, test=-2794.301)
total time= 30.3s
[CV 2/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1619.756, test=-2415.105)
total time= 15.1s
[CV 5/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-961.295, test=-2850.554)
total time= 30.4s
[CV 3/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1547.345, test=-2850.071)
total time= 15.2s
[CV 1/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2058.713, test=-2746.148)
total time= 6.1s
[CV 1/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1735.990, test=-2479.472)
total time= 12.1s
[CV 3/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1551.538, test=-2820.311)
total time= 15.2s
[CV 2/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

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[CV 2/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2590.856, test=-2344.152)
total time= 0.6s
[CV 4/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2526.757, test=-2589.485)
total time= 0.6s
[CV 1/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2476.063, test=-2399.563)
total time= 1.2s
[CV 4/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2449.622, test=-2559.635)
total time= 1.2s
[CV 2/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2371.485, test=-2345.681)
total time= 3.0s
[CV 5/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2259.793, test=-2722.051)
total time= 3.1s
[CV 3/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2044.564, test=-2747.038)
total time= 6.1s
[CV 1/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1769.595, test=-2496.942)
total time= 12.5s
[CV 3/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1563.906, test=-2823.513)
total time= 15.2s
[CV 1/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2564.130, test=-2440.279)
total time= 0.6s

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[CV 2/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2590.972, test=-2348.146)
total time= 0.6s
[CV 4/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2526.613, test=-2589.736)
total time= 0.6s
[CV 2/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2511.846, test=-2318.928)
total time= 1.2s
[CV 5/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2410.339, test=-2678.094)
total time= 1.2s
[CV 3/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2266.421, test=-2724.518)
total time= 3.1s
[CV 1/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2087.648, test=-2455.665)
total time= 6.0s
[CV 4/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2046.878, test=-2585.939)
total time= 6.1s
[CV 4/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1658.563, test=-2643.620)
total time= 12.1s
[CV 2/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1037.624, test=-2489.238)
total time= 30.1s
[CV 3/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200;; score=(train=-1702.199, test=-2818.270)
total time= 12.1s
[CV 1/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-972.299, test=-2598.768)
total time= 30.1s
[CV 2/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1784.652, test=-2411.223)
total time= 12.0s
[CV 5/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1541.621, test=-2791.924)
total time= 15.1s
[CV 5/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2412.699, test=-2681.321)
total time= 1.2s
[CV 3/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2267.419, test=-2722.862)
total time= 3.0s
[CV 1/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2482.835, test=-2399.455)
total time= 1.2s
[CV 4/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2448.343, test=-2557.294)
total time= 1.2s
[CV 2/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2378.500, test=-2328.327)
total time= 3.0s
[CV 5/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2268.514, test=-2686.961)
total time= 3.0s
[CV 3/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 3/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2048.556, test=-2766.884)
total time= 6.0s
[CV 1/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1707.642, test=-2495.163)
total time= 12.2s
[CV 4/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1512.345, test=-2671.504)
total time= 15.1s
[CV 1/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2482.835, test=-2399.722)
total time= 1.2s
[CV 3/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2407.308, test=-2725.455)
total time= 1.2s
[CV 1/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2329.040, test=-2427.615)
total time= 3.0s
[CV 4/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2286.902, test=-2576.156)
total time= 3.0s
[CV 2/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2164.008, test=-2364.167)
total time= 6.1s
[CV 5/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2054.730, test=-2712.706)
total time= 6.1s
[CV 1/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1545.292, test=-2514.972)

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total time= 15.1s
[CV 4/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-961.754, test=-2792.684)
total time= 30.2s
[CV 2/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1619.756, test=-2417.054)
total time= 15.1s
[CV 5/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-962.719, test=-2841.846)
total time= 30.4s
[CV 3/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1569.494, test=-2847.628)
total time= 15.1s
[CV 1/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2561.630, test=-2443.932)
total time= 0.6s
[CV 2/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2592.750, test=-2344.632)
total time= 0.6s
[CV 4/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2525.526, test=-2588.547)
total time= 0.6s
[CV 1/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2481.199, test=-2406.504)
total time= 1.2s
[CV 3/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2414.371, test=-2725.920)
total time= 1.2s
[CV 1/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

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[CV 1/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2327.035, test=-2428.570)
total time= 3.0s
[CV 4/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2287.214, test=-2570.488)
total time= 3.0s
[CV 2/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2166.578, test=-2364.007)
total time= 5.9s
[CV 5/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2050.541, test=-2725.687)
total time= 6.1s
[CV 1/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1618.559, test=-2572.509)
total time= 15.2s
[CV 4/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1020.512, test=-2865.329)
total time= 30.3s
[CV 2/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1081.710, test=-2541.998)
total time= 30.4s
[CV 3/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1702.199, test=-2818.274)
total time= 12.0s
[CV 1/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-972.299, test=-2596.654)
total time= 30.0s
[CV 2/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1784.652, test=-2403.654)
total time= 12.0s
[CV 5/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

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[CV 5/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1541.621, test=-2799.708)
total time= 15.1s
[CV 3/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2407.308, test=-2724.748)
total time= 1.2s
[CV 1/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2329.040, test=-2426.826)
total time= 3.0s
[CV 4/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2286.902, test=-2576.334)
total time= 3.0s
[CV 2/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2164.008, test=-2363.671)
total time= 6.0s
[CV 5/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2054.730, test=-2710.840)
total time= 6.1s
[CV 1/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1545.292, test=-2518.486)
total time= 15.1s
[CV 4/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-961.754, test=-2797.119)
total time= 30.6s
[CV 2/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1643.056, test=-2423.964)
total time= 15.3s
[CV 5/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-997.478, test=-2876.345)
total time= 30.6s

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[CV 3/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 3/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1611.091, test=-2880.192) total time= 15.1s
[CV 1/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 1/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2561.630, test=-2443.932) total time= 0.6s
[CV 2/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2592.750, test=-2340.216) total time= 0.6s
[CV 4/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 4/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2525.526, test=-2588.547) total time= 0.6s
[CV 1/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 1/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2481.199, test=-2406.667) total time= 1.2s
[CV 4/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 4/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2449.075, test=-2552.265) total time= 1.2s
[CV 2/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2382.699, test=-2332.880) total time= 3.0s
[CV 5/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 5/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2261.502, test=-2689.591) total time= 3.1s
[CV 3/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 3/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-2075.970, test=-2773.022) total time= 6.0s
[CV 1/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 1/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200;; score=(train=-1761.071, test=-2542.383)
total time= 12.0s
[CV 4/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1571.670, test=-2691.604)
total time= 15.2s
[CV 3/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2490.600, test=-2757.761)
total time= 0.6s
[CV 5/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2495.260, test=-2724.457)
total time= 0.6s
[CV 2/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2512.863, test=-2317.147)
total time= 1.2s
[CV 5/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2564.130, test=-2440.702)
total time= 0.6s
[CV 2/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2590.972, test=-2346.353)
total time= 0.6s
[CV 4/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2526.613, test=-2589.736)
total time= 0.6s
[CV 1/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2484.241, test=-2404.342)
total time= 1.2s
[CV 3/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2408.725, test=-2723.812)
total time= 1.2s
[CV 1/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=50
[CV 1/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2328.112, test=-2424.934)
total time= 3.0s
[CV 4/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2288.509, test=-2577.308)
total time= 3.0s
[CV 2/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2183.512, test=-2363.634)
total time= 6.1s
[CV 5/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2055.865, test=-2710.033)
total time= 6.1s
[CV 1/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1578.939, test=-2545.272)
total time= 15.2s
[CV 4/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1000.279, test=-2828.639)
total time= 30.4s
[CV 2/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1666.527, test=-2426.014)
total time= 15.1s
[CV 5/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1058.172, test=-2870.156)
total time= 30.3s
[CV 3/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1604.445, test=-2870.382)
total time= 15.2s
[CV 1/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2561.630, test=-2443.932)

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total time= 0.6s
[CV 2/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2592.750, test=-2346.260)
total time= 0.6s
[CV 4/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2525.526, test=-2588.547)
total time= 0.6s
[CV 1/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2481.199, test=-2406.687)
total time= 1.2s
[CV 4/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2449.075, test=-2552.144)
total time= 1.2s
[CV 2/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2382.699, test=-2332.670)
total time= 3.0s
[CV 5/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2261.503, test=-2688.542)
total time= 3.0s
[CV 3/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2075.974, test=-2772.590)
total time= 6.1s
[CV 1/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1763.260, test=-2521.604)
total time= 12.3s
[CV 4/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1571.670, test=-2693.292)
total time= 15.1s
[CV 5/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

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[CV 5/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2495.260, test=-2724.457)
total time= 0.6s
[CV 2/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2512.863, test=-2313.358)
total time= 1.2s
[CV 5/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2418.781, test=-2684.458)
total time= 1.2s
[CV 3/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2289.636, test=-2730.424)
total time= 3.0s
[CV 1/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2485.294, test=-2761.511)
total time= 0.6s
[CV 5/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2492.048, test=-2721.050)
total time= 0.6s
[CV 2/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2511.846, test=-2316.767)
total time= 1.2s
[CV 5/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2410.339, test=-2678.003)
total time= 1.2s
[CV 3/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2266.421, test=-2722.497)
total time= 3.0s
[CV 1/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-2087.648, test=-2454.835)
total time= 6.1s
[CV 4/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2046.878, test=-2584.985)
total time= 6.1s
[CV 4/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1658.563, test=-2647.033)
total time= 12.1s
[CV 2/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1037.624, test=-2486.227)
total time= 30.3s
[CV 3/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1707.145, test=-2816.774)
total time= 12.1s
[CV 5/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1544.262, test=-2822.424)
total time= 15.1s
[CV 4/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2449.075, test=-2552.144)
total time= 1.2s
[CV 2/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2382.699, test=-2340.129)
total time= 3.0s
[CV 5/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2261.503, test=-2689.763)
total time= 3.0s
[CV 3/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2075.974, test=-2774.047)
total time= 6.1s
[CV 1/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200
[CV 1/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1763.260, test=-2520.826)
total time= 12.1s
[CV 4/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1571.670, test=-2689.322)
total time= 15.2s
[CV 3/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2490.600, test=-2757.022)
total time= 0.6s
[CV 5/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2495.260, test=-2724.457)
total time= 0.6s
[CV 2/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2512.863, test=-2309.301)
total time= 1.2s
[CV 5/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2418.781, test=-2684.625)
total time= 1.2s
[CV 3/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2289.636, test=-2729.648)
total time= 3.0s
[CV 1/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2115.442, test=-2472.467)
total time= 6.1s
[CV 4/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2057.002, test=-2590.420)
total time= 6.0s
[CV 5/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1702.498, test=-2773.713)

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total time= 12.0s
[CV 3/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1081.746, test=-2967.686)
total time= 30.1s
[CV 4/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1710.966, test=-2650.047)
total time= 12.0s
[CV 1/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1067.312, test=-2631.386)
total time= 30.1s
[CV 4/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1512.345, test=-2667.429)
total time= 15.2s
[CV 3/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2485.294, test=-2761.000)
total time= 0.6s
[CV 5/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2492.048, test=-2721.050)
total time= 0.6s
[CV 2/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2512.568, test=-2318.218)
total time= 1.2s
[CV 4/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2448.343, test=-2557.294)
total time= 1.2s
[CV 2/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2384.100, test=-2336.867)
total time= 3.0s
[CV 5/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2276.001, test=-2689.809)

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total time= 3.0s
[CV 3/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2052.023, test=-2759.867)
total time= 6.0s
[CV 1/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1727.177, test=-2527.119)
total time= 12.1s
[CV 4/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1529.180, test=-2697.261)
total time= 15.1s
[CV 3/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2490.600, test=-2758.475)
total time= 0.6s
[CV 5/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2495.260, test=-2724.457)
total time= 0.6s
[CV 2/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2512.863, test=-2321.110)
total time= 1.2s
[CV 5/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2418.781, test=-2684.623)
total time= 1.2s
[CV 3/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2289.636, test=-2729.554)
total time= 3.0s
[CV 1/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2112.128, test=-2464.721)
total time= 6.1s
[CV 4/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

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[CV 4/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2057.002, test=-2591.152)
total time= 6.1s
[CV 5/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1702.500, test=-2773.993)
total time= 12.1s
[CV 3/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1080.037, test=-2958.398)
total time= 30.5s
[CV 4/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1710.966, test=-2648.998)
total time= 12.1s
[CV 2/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1093.043, test=-2525.238)
total time= 30.5s
[CV 3/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1747.284, test=-2853.288)
total time= 12.1s
[CV 2/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1093.043, test=-2532.814)
total time= 30.2s
[CV 3/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1747.284, test=-2853.114)
total time= 12.1s
[CV 1/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1066.607, test=-2607.556)
total time= 30.1s
[CV 2/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1827.579, test=-2383.505)
total time= 12.1s

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[CV 5/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 5/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1597.904, test=-2754.524) total time= 15.2s
[CV 3/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 3/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2413.354, test=-2725.749) total time= 1.2s
[CV 1/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 2/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 2/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-1666.527, test=-2416.798) total time= 15.0s
[CV 5/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 5/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-1056.190, test=-2861.127) total time= 30.1s
[CV 3/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 3/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-1611.091, test=-2881.117) total time= 15.0s
[CV 1/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 1/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2561.630, test=-2443.932) total time= 0.6s
[CV 2/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 2/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2592.750, test=-2343.143) total time= 0.6s
[CV 3/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 3/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2490.600, test=-2757.696) total time= 0.6s
[CV 4/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 4/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2525.526, test=-2588.547) total time= 0.6s
[CV 1/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20
[CV 1/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2481.199, test=-2406.621)
total time= 1.2s
[CV 4/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2449.075, test=-2552.265)
total time= 1.2s
[CV 2/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2382.699, test=-2329.997)
total time= 3.0s
[CV 5/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2261.503, test=-2689.897)
total time= 3.0s
[CV 3/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2075.974, test=-2774.025)
total time= 6.0s
[CV 1/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1772.260, test=-2509.611)
total time= 11.9s
[CV 4/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1571.670, test=-2688.136)
total time= 15.0s
[CV 3/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2489.978, test=-2760.207)
total time= 0.6s
[CV 5/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2496.440, test=-2721.742)
total time= 0.6s
[CV 2/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2515.974, test=-2319.238)

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total time= 1.2s
[CV 4/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2449.576, test=-2561.280)
total time= 1.2s
[CV 2/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2383.588, test=-2331.801)
total time= 3.0s
[CV 5/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2268.709, test=-2686.290)
total time= 3.0s
[CV 3/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2081.289, test=-2789.090)
total time= 6.0s
[CV 1/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1778.285, test=-2503.573)
total time= 12.1s
[CV 4/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1606.030, test=-2710.343)
total time= 15.1s
[CV 3/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2489.978, test=-2760.207)
total time= 0.6s
[CV 5/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2496.440, test=-2721.742)
total time= 0.6s
[CV 2/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2515.974, test=-2313.849)
total time= 1.2s
[CV 5/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

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[CV 5/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2417.327, test=-2683.375)
total time= 1.2s
[CV 3/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2284.019, test=-2740.838)
total time= 3.0s
[CV 5/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2492.048, test=-2721.050)
total time= 0.6s
[CV 2/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2511.846, test=-2313.392)
total time= 1.2s
[CV 5/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2410.339, test=-2677.134)
total time= 1.2s
[CV 3/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2266.421, test=-2725.163)
total time= 3.0s
[CV 1/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2087.648, test=-2456.345)
total time= 6.1s
[CV 4/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2046.878, test=-2587.466)
total time= 6.1s
[CV 5/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1694.108, test=-2767.135)
total time= 12.3s
[CV 3/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1007.525, test=-2909.366)
total time= 30.6s

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[CV 5/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 5/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-1694.109, test=-2769.227) total time= 12.2s
[CV 3/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 3/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-1007.525, test=-2909.502) total time= 30.6s
[CV 5/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1699.138, test=-2786.883) total time= 12.3s
[CV 3/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 3/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-1024.611, test=-2942.055) total time= 30.3s
[CV 4/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 4/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1710.966, test=-2651.745) total time= 12.1s
[CV 2/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 2/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-1093.043, test=-2531.274) total time= 30.2s
[CV 3/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 3/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1747.284, test=-2853.618) total time= 12.1s
[CV 1/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 1/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-1083.859, test=-2617.585) total time= 30.2s
[CV 2/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 2/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-1796.900, test=-2406.223) total time= 12.1s
[CV 5/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 5/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-1569.188, test=-2799.511)
total time= 15.1s
[CV 3/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2414.371, test=-2725.920)
total time= 1.2s
[CV 1/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2327.036, test=-2427.854)
total time= 3.0s
[CV 4/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2287.214, test=-2571.153)
total time= 3.0s
[CV 2/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2166.578, test=-2366.364)
total time= 6.1s
[CV 5/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2050.541, test=-2725.621)
total time= 6.0s
[CV 1/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1627.705, test=-2565.747)
total time= 15.2s
[CV 4/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1020.512, test=-2864.406)
total time= 30.3s
[CV 2/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1683.297, test=-2393.185)
total time= 15.1s
[CV 5/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1091.065, test=-2816.031)
total time= 30.2s
[CV 3/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 3/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1640.207, test=-2859.057)
total time= 15.2s
[CV 1/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2098.058, test=-2462.978)
total time= 6.0s
[CV 4/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2048.243, test=-2589.698)
total time= 6.0s
[CV 4/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1682.612, test=-2667.815)
total time= 12.1s
[CV 2/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1098.674, test=-2517.889)
total time= 30.2s
[CV 3/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1747.284, test=-2854.424)
total time= 12.1s
[CV 1/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1079.314, test=-2602.089)
total time= 30.3s
[CV 2/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1796.900, test=-2409.629)
total time= 12.0s
[CV 5/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1569.188, test=-2801.864)
total time= 15.3s
[CV 3/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2414.371, test=-2725.809)
total time= 1.2s
[CV 1/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 1/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2327.036, test=-2427.220)
total time= 3.0s
[CV 4/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2287.214, test=-2570.620)
total time= 3.0s
[CV 2/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2166.578, test=-2361.995)
total time= 6.0s
[CV 5/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2050.540, test=-2728.151)
total time= 6.0s
[CV 1/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1627.702, test=-2567.445)
total time= 15.2s
[CV 4/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1020.512, test=-2863.712)
total time= 30.4s
[CV 2/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1666.527, test=-2417.082)
total time= 15.2s
[CV 5/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1058.172, test=-2868.907)
total time= 30.2s
[CV 3/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1640.207, test=-2859.722)
total time= 15.1s
[CV 1/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2562.482, test=-2446.857)

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total time= 0.6s
[CV 2/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2595.388, test=-2341.940)
total time= 0.6s
[CV 4/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2526.416, test=-2591.260)
total time= 0.6s
[CV 1/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2483.735, test=-2407.287)
total time= 1.2s
[CV 4/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2449.576, test=-2561.280)
total time= 1.2s
[CV 2/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2383.588, test=-2325.931)
total time= 3.0s
[CV 5/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2268.709, test=-2687.024)
total time= 3.0s
[CV 3/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2083.170, test=-2786.075)
total time= 6.0s
[CV 1/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1778.285, test=-2502.230)
total time= 12.1s
[CV 4/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1606.030, test=-2711.380)
total time= 15.1s
[CV 3/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

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[CV 1/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-972.299, test=-2599.942)
total time= 30.4s

[CV 2/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 2/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1805.431, test=-2407.216)
total time= 12.4s

[CV 1/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 1/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-1001.669, test=-2600.331)
total time= 30.4s

[CV 2/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 2/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1796.900, test=-2404.889)
total time= 12.1s

[CV 5/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 5/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1569.187, test=-2801.515)
total time= 15.1s

[CV 3/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 3/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2414.371, test=-2725.170)
total time= 1.2s

[CV 1/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 1/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2327.046, test=-2429.058)
total time= 3.0s

[CV 4/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 4/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2287.214, test=-2571.921)
total time= 3.0s

[CV 2/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 2/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-2166.578, test=-2359.139)
total time= 6.0s

[CV 5/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 5/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100;; score=(train=-2050.543, test=-2728.577)
total time= 6.0s
[CV 1/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1624.376, test=-2543.207)
total time= 15.1s
[CV 4/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1020.512, test=-2864.793)
total time= 30.2s
[CV 2/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1666.527, test=-2420.883)
total time= 15.1s
[CV 5/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1050.478, test=-2856.797)
total time= 30.3s
[CV 3/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1611.091, test=-2880.664)
total time= 15.1s
[CV 1/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2562.482, test=-2446.857)
total time= 0.6s
[CV 2/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2595.388, test=-2343.870)
total time= 0.6s
[CV 4/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2526.416, test=-2591.260)
total time= 0.6s
[CV 1/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2483.735, test=-2407.185)
total time= 1.2s
[CV 3/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20
[CV 3/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2413.354, test=-2725.749)
total time= 1.2s
[CV 1/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2323.883, test=-2437.986)
total time= 3.0s
[CV 4/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2304.657, test=-2560.338)
total time= 3.0s
[CV 2/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2182.996, test=-2342.024)
total time= 6.0s
[CV 5/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2062.132, test=-2707.666)
total time= 6.0s
[CV 1/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1637.159, test=-2552.118)
total time= 14.9s
[CV 4/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1080.375, test=-2843.861)
total time= 29.9s
[CV 2/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1683.297, test=-2387.553)
total time= 15.2s
[CV 5/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1091.065, test=-2813.279)
total time= 30.3s
[CV 3/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2489.978, test=-2760.207)
total time= 0.6s
[CV 5/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10
[CV 5/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2496.440, test=-2721.742)
total time= 0.6s
[CV 2/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2515.974, test=-2309.589)
total time= 1.2s
[CV 5/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2417.327, test=-2683.230)
total time= 1.2s
[CV 3/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2284.019, test=-2740.838)
total time= 3.0s
[CV 1/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2119.720, test=-2462.601)
total time= 6.0s
[CV 4/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2081.732, test=-2579.533)
total time= 6.0s
[CV 5/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1723.831, test=-2750.585)
total time= 12.1s
[CV 3/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1112.122, test=-2963.982)
total time= 30.2s
[CV 5/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1723.832, test=-2748.092)
total time= 12.0s
[CV 3/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1112.122, test=-2963.861)

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total time= 30.1s
[CV 5/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1425.267, test=-2834.496)
total time= 9.8s
[CV 3/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-609.343, test=-2890.043)
total time= 24.5s
[CV 1/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2464.970, test=-2463.489)
total time= 1.0s
[CV 2/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2511.480, test=-2360.916)
total time= 1.0s
[CV 3/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2402.336, test=-2764.960)
total time= 1.0s
[CV 4/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2434.637, test=-2588.822)
total time= 1.0s
[CV 5/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2396.098, test=-2760.982)
total time= 1.0s
[CV 1/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2297.711, test=-2423.067)
total time= 1.9s
[CV 2/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2341.505, test=-2344.560)
total time= 1.9s
[CV 3/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

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[CV 3/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2265.169, test=-2731.962)
total time= 1.9s
[CV 5/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2261.790, test=-2765.649)
total time= 2.0s
[CV 3/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1910.231, test=-2745.992)
total time= 4.9s
[CV 1/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1456.468, test=-2490.064)
total time= 9.8s
[CV 4/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1336.023, test=-2669.038)
total time= 9.8s
[CV 2/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-858.509, test=-2475.011)
total time= 19.7s
[CV 5/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-598.982, test=-2909.933)
total time= 24.7s
[CV 2/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2048.310, test=-2394.472)
total time= 4.9s
[CV 5/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2562.482, test=-2446.441)
total time= 0.6s
[CV 2/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10;; score=(train=-2595.388, test=-2337.403)
total time= 0.6s
[CV 4/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2526.416, test=-2591.260)
total time= 0.6s
[CV 1/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2483.735, test=-2407.359)
total time= 1.2s
[CV 4/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2449.576, test=-2561.280)
total time= 1.2s
[CV 2/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2383.588, test=-2327.696)
total time= 3.0s
[CV 5/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2268.709, test=-2687.103)
total time= 3.0s
[CV 3/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2081.289, test=-2789.090)
total time= 6.0s
[CV 1/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1778.285, test=-2502.712)
total time= 12.1s
[CV 4/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1606.030, test=-2709.927)
total time= 15.1s
[CV 4/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2526.416, test=-2591.260)
total time= 0.6s
[CV 1/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 1/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2483.735, test=-2407.185)
total time= 1.2s
[CV 4/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2449.576, test=-2561.280)
total time= 1.2s
[CV 2/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2383.588, test=-2328.350)
total time= 3.0s
[CV 5/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2268.709, test=-2687.832)
total time= 3.0s
[CV 3/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2081.289, test=-2788.959)
total time= 6.1s
[CV 1/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1778.285, test=-2504.335)
total time= 12.1s
[CV 4/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1610.204, test=-2706.394)
total time= 15.1s
[CV 3/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2402.028, test=-2764.618)
total time= 1.0s
[CV 5/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2395.764, test=-2760.999)
total time= 1.0s
[CV 3/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2271.064, test=-2730.199)

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total time= 1.9s
[CV 1/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1928.055, test=-2466.205)
total time= 4.9s
[CV 4/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1842.746, test=-2613.574)
total time= 4.8s
[CV 2/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1448.091, test=-2445.363)
total time= 9.8s
[CV 3/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-808.622, test=-2855.124)
total time= 19.7s
[CV 2/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-144.260, test=-2518.491)
total time= 49.0s
[CV 3/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-797.192, test=-2841.553)
total time= 19.5s
[CV 1/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-169.165, test=-2667.034)
total time= 49.0s
[CV 5/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2418.781, test=-2684.623)
total time= 1.2s
[CV 3/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2289.635, test=-2730.152)
total time= 3.0s
[CV 1/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2112.128, test=-2463.793)

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total time= 6.1s
[CV 4/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2057.002, test=-2590.991)
total time= 6.0s
[CV 5/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1699.307, test=-2775.409)
total time= 12.1s
[CV 3/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1081.746, test=-2963.831)
total time= 30.2s
[CV 4/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1710.966, test=-2651.848)
total time= 12.1s
[CV 2/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1093.043, test=-2530.297)
total time= 30.2s
[CV 3/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1778.103, test=-2831.627)
total time= 12.1s
[CV 1/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1113.797, test=-2617.703)
total time= 29.9s
[CV 2/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1827.579, test=-2388.135)
total time= 12.0s
[CV 5/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1597.902, test=-2753.629)
total time= 15.1s
[CV 3/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

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[CV 3/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2413.353, test=-2725.546)
total time= 1.2s

[CV 1/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 1/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2323.883, test=-2437.981)
total time= 3.0s

[CV 4/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 4/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2304.657, test=-2560.166)
total time= 3.0s

[CV 2/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 2/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2182.996, test=-2349.873)
total time= 6.0s

[CV 5/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 5/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2062.134, test=-2709.042)
total time= 6.0s

[CV 1/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1637.159, test=-2551.712)
total time= 15.0s

[CV 4/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1080.375, test=-2841.935)
total time= 30.1s

[CV 2/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1683.297, test=-2389.573)
total time= 14.9s

[CV 5/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 5/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1091.065, test=-2813.701)
total time= 29.9s

[CV 1/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 1/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-646.147, test=-2613.022)
total time= 24.4s

[CV 4/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 4/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-134.997, test=-2807.911)
total time= 49.1s

[CV 2/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 2/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-622.341, test=-2461.745)
total time= 24.5s

[CV 5/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 5/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-162.783, test=-2947.258)
total time= 49.3s

[CV 3/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 3/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-734.668, test=-2867.363)
total time= 24.7s

[CV 1/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 1/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-2472.832, test=-2461.695)
total time= 1.0s

[CV 3/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 3/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-2399.646, test=-2754.485)
total time= 1.0s

[CV 5/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 1/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 1/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-2119.720, test=-2462.563)
total time= 6.0s

[CV 4/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 4/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-2081.732, test=-2579.909)
total time= 6.0s

[CV 5/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 5/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1723.831, test=-2748.635)
total time= 12.1s

[CV 3/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 3/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1112.122, test=-2963.573)
total time= 30.4s
[CV 4/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1738.768, test=-2673.758)
total time= 12.2s
[CV 2/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1152.736, test=-2493.567)
total time= 30.3s
[CV 3/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1769.813, test=-2846.159)
total time= 12.1s
[CV 2/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1152.736, test=-2488.881)
total time= 30.3s
[CV 1/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-837.360, test=-2594.504)
total time= 19.7s
[CV 4/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-559.588, test=-2720.981)
total time= 24.5s
[CV 4/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2268.310, test=-2570.283)
total time= 2.1s
[CV 1/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1960.255, test=-2453.413)
total time= 4.9s
[CV 5/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1887.116, test=-2794.446)

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total time= 4.9s
[CV 3/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1428.625, test=-2784.886)
total time= 9.8s
[CV 1/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-831.589, test=-2558.812)
total time= 19.6s
[CV 4/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-546.638, test=-2775.035)
total time= 24.4s
[CV 4/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2432.108, test=-2598.157)
total time= 1.0s
[CV 1/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2309.472, test=-2436.526)
total time= 1.9s
[CV 3/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2229.560, test=-2735.923)
total time= 1.9s
[CV 5/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2260.869, test=-2726.121)
total time= 1.9s
[CV 3/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1952.999, test=-2756.261)
total time= 4.9s
[CV 1/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1505.240, test=-2514.756)
total time= 9.8s
[CV 4/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

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[CV 4/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1425.022, test=-2666.613)
total time= 9.8s
[CV 2/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-913.752, test=-2471.789)
total time= 19.7s
[CV 5/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-655.682, test=-2873.839)
total time= 24.8s
[CV 1/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2025.339, test=-2463.941)
total time= 4.9s
[CV 4/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1937.933, test=-2583.207)
total time= 4.9s
[CV 2/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1559.859, test=-2427.881)
total time= 9.8s
[CV 3/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1628.585, test=-2875.573)
total time= 15.0s
[CV 1/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2562.482, test=-2446.857)
total time= 0.6s
[CV 2/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2595.388, test=-2346.985)
total time= 0.6s
[CV 3/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2489.978, test=-2760.207)
total time= 0.6s

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[CV 5/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 5/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2496.440, test=-2721.742) total time= 0.6s
[CV 2/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 2/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2515.974, test=-2317.513) total time= 1.2s
[CV 5/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 5/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2417.327, test=-2683.230) total time= 1.2s
[CV 3/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 3/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2284.019, test=-2740.838) total time= 3.0s
[CV 1/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 1/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-2119.720, test=-2463.621) total time= 6.0s
[CV 4/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 4/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-2081.732, test=-2579.968) total time= 6.0s
[CV 4/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 4/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-1751.926, test=-2674.029) total time= 12.0s
[CV 1/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 1/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-1112.189, test=-2608.754) total time= 30.1s
[CV 4/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 4/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-1356.952, test=-2682.932) total time= 9.8s
[CV 2/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 2/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250;; score=(train=-584.459, test=-2469.979)
total time= 24.4s
[CV 5/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-152.951, test=-2907.837)
total time= 49.0s
[CV 3/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-588.557, test=-2859.145)
total time= 24.4s
[CV 1/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2468.962, test=-2459.352)
total time= 1.0s
[CV 2/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2512.187, test=-2371.299)
total time= 1.0s
[CV 3/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2395.882, test=-2756.941)
total time= 0.9s
[CV 5/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2398.757, test=-2748.066)
total time= 1.0s
[CV 2/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2358.570, test=-2339.907)
total time= 1.9s
[CV 4/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2284.031, test=-2571.918)
total time= 1.9s
[CV 1/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2007.241, test=-2485.794)
total time= 4.9s
[CV 4/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50
[CV 4/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1904.082, test=-2597.922)
total time= 4.8s
[CV 2/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1566.411, test=-2422.789)
total time= 9.8s
[CV 5/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1438.026, test=-2790.706)
total time= 9.7s
[CV 1/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-683.634, test=-2628.629)
total time= 24.4s
[CV 4/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-189.151, test=-2803.898)
total time= 49.2s
[CV 1/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2115.444, test=-2476.807)
total time= 6.0s
[CV 4/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2057.002, test=-2591.012)
total time= 6.1s
[CV 5/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1702.500, test=-2771.921)
total time= 12.2s
[CV 3/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1081.746, test=-2960.784)
total time= 30.5s
[CV 5/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1723.831, test=-2744.696)
total time= 12.1s
[CV 3/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500
[CV 3/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1112.122, test=-2962.814)
total time= 30.1s
[CV 4/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1738.768, test=-2672.762)
total time= 12.4s
[CV 2/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1152.736, test=-2490.376)
total time= 30.0s
[CV 3/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1778.103, test=-2831.859)
total time= 12.1s
[CV 1/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1113.797, test=-2616.696)
total time= 30.1s
[CV 2/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1827.579, test=-2383.675)
total time= 12.0s
[CV 5/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1597.904, test=-2752.755)
total time= 15.1s
[CV 2/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2335.028, test=-2339.228)
total time= 1.9s
[CV 5/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2264.527, test=-2768.861)
total time= 1.9s
[CV 3/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1912.592, test=-2761.089)

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total time= 4.8s
[CV 1/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1456.132, test=-2519.302)
total time= 9.8s
[CV 2/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-837.573, test=-2483.084)
total time= 19.6s
[CV 5/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-608.922, test=-2915.058)
total time= 24.7s
[CV 2/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1995.033, test=-2390.684)
total time= 4.8s
[CV 4/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1855.612, test=-2633.892)
total time= 4.8s
[CV 2/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1503.453, test=-2415.876)
total time= 9.7s
[CV 5/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1398.798, test=-2855.646)
total time= 9.7s
[CV 1/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-630.777, test=-2611.024)
total time= 24.5s
[CV 4/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-148.418, test=-2818.267)
total time= 49.0s
[CV 2/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

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[CV 2/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-701.667, test=-2484.382)
total time= 24.5s
[CV 5/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-209.014, test=-2890.346)
total time= 49.5s
[CV 3/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-787.806, test=-2833.764)
total time= 24.5s
[CV 1/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2477.516, test=-2459.388)
total time= 1.0s
[CV 2/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1796.900, test=-2412.290)
total time= 12.1s
[CV 5/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1569.185, test=-2801.652)
total time= 15.1s
[CV 5/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2417.327, test=-2683.229)
total time= 1.2s
[CV 3/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2289.026, test=-2738.139)
total time= 3.0s
[CV 1/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2119.720, test=-2463.775)
total time= 6.0s
[CV 4/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100;; score=(train=-2081.732, test=-2580.356)
total time= 6.0s
[CV 4/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1751.926, test=-2673.856)
total time= 12.0s
[CV 2/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1152.736, test=-2485.512)
total time= 29.9s
[CV 3/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1769.813, test=-2848.010)
total time= 12.0s
[CV 1/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1112.189, test=-2608.291)
total time= 30.2s
[CV 2/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1827.579, test=-2387.589)
total time= 12.0s
[CV 5/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1597.902, test=-2751.389)
total time= 15.0s
[CV 3/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2413.353, test=-2725.546)
total time= 1.2s
[CV 1/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2333.296, test=-2417.259)
total time= 3.0s
[CV 4/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2304.657, test=-2560.283)
total time= 3.0s
[CV 2/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100
[CV 2/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2182.996, test=-2352.237)
total time= 6.1s
[CV 5/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2062.132, test=-2706.962)
total time= 6.0s
[CV 1/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1637.159, test=-2550.407)
total time= 15.0s
[CV 4/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1080.375, test=-2842.245)
total time= 30.0s
[CV 4/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-780.620, test=-2796.657)
total time= 19.6s
[CV 1/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-181.147, test=-2642.613)
total time= 49.3s
[CV 4/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-760.960, test=-2774.015)
total time= 19.6s
[CV 2/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-162.125, test=-2493.488)
total time= 49.1s
[CV 4/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-841.619, test=-2735.329)
total time= 19.6s
[CV 2/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-217.710, test=-2501.976)

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total time= 49.1s
[CV 3/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-995.208, test=-2812.646)
total time= 19.6s
[CV 1/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-258.083, test=-2623.791)
total time= 49.2s
[CV 3/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-921.645, test=-2859.733)
total time= 19.6s
[CV 1/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2323.883, test=-2438.254)
total time= 3.0s
[CV 4/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2304.657, test=-2560.919)
total time= 3.0s
[CV 2/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2182.996, test=-2346.035)
total time= 6.0s
[CV 5/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2062.132, test=-2709.042)
total time= 6.1s
[CV 1/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1637.173, test=-2527.875)
total time= 15.0s
[CV 4/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1080.375, test=-2843.441)
total time= 30.1s
[CV 2/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1683.297, test=-2388.189)

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total time= 15.0s
[CV 5/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1091.065, test=-2817.173)
total time= 30.0s
[CV 3/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1640.207, test=-2859.780)
total time= 15.0s
[CV 1/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2464.636, test=-2462.491)
total time= 1.0s
[CV 2/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2506.489, test=-2366.041)
total time= 1.0s
[CV 4/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2438.289, test=-2595.850)
total time= 1.0s
[CV 1/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2287.985, test=-2430.224)
total time= 1.9s
[CV 4/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2275.833, test=-2578.604)
total time= 1.9s
[CV 2/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1990.796, test=-2411.234)
total time= 4.8s
[CV 5/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1911.994, test=-2792.955)
total time= 4.8s
[CV 3/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

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[CV 3/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1434.524, test=-2793.781)
total time= 9.7s

[CV 5/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 5/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-789.454, test=-2908.276)
total time= 19.6s

[CV 3/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 3/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-160.846, test=-2909.759)
total time= 49.3s

[CV 5/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 5/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-778.334, test=-2876.134)
total time= 19.7s

[CV 3/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 3/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-150.226, test=-2920.872)
total time= 49.4s

[CV 5/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 5/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-865.158, test=-2857.829)
total time= 19.8s

[CV 3/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 3/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-224.936, test=-2920.958)
total time= 49.2s

[CV 5/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 5/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-916.517, test=-2860.866)
total time= 19.5s

[CV 3/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 3/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-269.953, test=-2866.482)
total time= 48.9s

[CV 5/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 5/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-864.822, test=-2878.960)
total time= 19.4s

[CV 3/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 3/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-262.634, test=-2905.323) total time= 48.9s
[CV 5/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 5/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-863.042, test=-2869.000) total time= 19.5s
[CV 3/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 5/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-2401.666, test=-2755.192) total time= 1.0s
[CV 2/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 2/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2363.214, test=-2340.804) total time= 2.0s
[CV 4/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 4/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2298.556, test=-2572.312) total time= 1.9s
[CV 2/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 2/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-2057.914, test=-2364.286) total time= 4.9s
[CV 5/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 5/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-1921.634, test=-2787.960) total time= 5.0s
[CV 3/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 3/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-1532.721, test=-2786.691) total time= 9.8s
[CV 1/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 1/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-998.826, test=-2544.871) total time= 19.7s
[CV 4/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 4/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250;; score=(train=-718.199, test=-2727.048)
total time= 24.5s
[CV 5/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2406.781, test=-2717.627)
total time= 1.0s
[CV 2/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2370.901, test=-2328.229)
total time= 2.0s
[CV 4/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2290.047, test=-2585.923)
total time= 1.9s
[CV 2/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2025.595, test=-2377.253)
total time= 4.8s
[CV 5/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1910.439, test=-2723.435)
total time= 4.7s
[CV 3/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1486.872, test=-2811.799)
total time= 9.7s
[CV 1/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-892.073, test=-2564.028)
total time= 19.4s
[CV 4/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-621.694, test=-2815.809)
total time= 24.3s
[CV 4/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2439.451, test=-2597.252)
total time= 0.9s
[CV 1/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20
[CV 1/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2334.457, test=-2434.892)
total time= 1.9s
[CV 3/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2243.374, test=-2731.881)
total time= 1.9s
[CV 5/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2263.022, test=-2689.771)
total time= 1.9s
[CV 3/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1891.428, test=-2760.347)
total time= 4.8s
[CV 1/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1495.004, test=-2514.804)
total time= 9.6s
[CV 4/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1451.793, test=-2704.696)
total time= 9.6s
[CV 3/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-920.889, test=-2870.492)
total time= 19.4s
[CV 1/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-232.877, test=-2606.602)
total time= 48.8s
[CV 2/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-928.783, test=-2469.707)
total time= 19.5s
[CV 5/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-660.179, test=-2874.540)

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total time= 24.4s
[CV 5/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2273.065, test=-2698.866)
total time= 1.9s
[CV 3/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1909.072, test=-2769.848)
total time= 4.8s
[CV 5/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1917.652, test=-2747.086)
total time= 4.9s
[CV 3/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1515.446, test=-2801.515)
total time= 9.9s
[CV 1/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-878.932, test=-2608.777)
total time= 19.6s
[CV 4/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-646.317, test=-2742.629)
total time= 24.4s
[CV 2/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2522.017, test=-2362.329)
total time= 1.0s
[CV 4/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2449.632, test=-2596.451)
total time= 1.0s
[CV 1/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2315.467, test=-2428.187)
total time= 1.9s
[CV 3/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2250.535, test=-2727.007)

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total time= 1.9s
[CV 5/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2252.866, test=-2740.838)
total time= 1.9s
[CV 3/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1953.074, test=-2760.159)
total time= 4.8s
[CV 1/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1566.521, test=-2495.403)
total time= 9.8s
[CV 4/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1464.592, test=-2656.602)
total time= 9.7s
[CV 4/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-889.068, test=-2710.922)
total time= 19.4s
[CV 2/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-264.246, test=-2565.260)
total time= 48.7s
[CV 2/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-928.783, test=-2469.821)
total time= 19.4s
[CV 5/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-703.109, test=-2882.958)
total time= 24.4s
[CV 1/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1968.068, test=-2483.793)
total time= 4.8s
[CV 4/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

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[CV 4/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1917.532, test=-2624.613)
total time= 4.8s
[CV 2/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1551.877, test=-2412.176)
total time= 9.7s
[CV 5/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1440.447, test=-2807.536)
total time= 9.6s
[CV 1/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-689.843, test=-2584.828)
total time= 24.3s
[CV 4/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-185.175, test=-2855.926)
total time= 48.5s
[CV 2/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-724.702, test=-2473.142)
total time= 24.5s
[CV 5/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-233.074, test=-2922.540)
total time= 48.9s
[CV 3/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-767.385, test=-2904.935)
total time= 24.2s
[CV 1/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2495.160, test=-2444.015)
total time= 1.0s
[CV 2/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2535.360, test=-2345.951)
total time= 1.0s

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[CV 3/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 3/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10;; score=(train=-2414.564, test=-2760.401)
total time= 0.9s
[CV 5/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 5/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 5/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-1471.786, test=-2832.392)
total time= 9.8s
[CV 1/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 1/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-788.128, test=-2571.770)
total time= 24.5s
[CV 4/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 4/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-251.079, test=-2790.817)
total time= 49.3s
[CV 2/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 2/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-724.702, test=-2471.344)
total time= 24.2s
[CV 5/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 5/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-237.210, test=-2919.600)
total time= 49.0s
[CV 3/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 3/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-719.823, test=-2885.676)
total time= 24.3s
[CV 1/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10
[CV 1/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10;; score=(train=-2477.516, test=-2460.632)
total time= 1.0s
[CV 3/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10
[CV 3/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10;; score=(train=-2408.547, test=-2758.663)
total time= 0.9s
[CV 5/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10
[CV 5/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2406.781, test=-2718.483)
total time= 1.0s
[CV 2/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2370.901, test=-2329.903)
total time= 1.9s
[CV 4/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2290.047, test=-2586.435)
total time= 1.9s
[CV 2/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2025.595, test=-2375.794)
total time= 4.8s
[CV 5/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1923.290, test=-2726.066)
total time= 4.8s
[CV 3/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1486.872, test=-2810.669)
total time= 9.7s
[CV 1/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-864.012, test=-2577.916)
total time= 19.4s
[CV 4/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-621.694, test=-2813.975)
total time= 24.2s
[CV 3/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2409.763, test=-2759.580)
total time= 0.9s
[CV 5/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2406.598, test=-2724.921)

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total time= 0.9s
[CV 2/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2380.935, test=-2339.122)
total time= 1.9s
[CV 4/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2295.950, test=-2573.835)
total time= 1.9s
[CV 2/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2044.165, test=-2364.740)
total time= 4.8s
[CV 5/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1945.765, test=-2727.777)
total time= 4.8s
[CV 3/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1491.111, test=-2816.779)
total time= 9.6s
[CV 1/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-956.498, test=-2536.530)
total time= 19.4s
[CV 4/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-750.494, test=-2852.038)
total time= 24.3s
[CV 4/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2456.544, test=-2584.387)
total time= 1.0s
[CV 1/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2346.293, test=-2407.846)
total time= 1.9s
[CV 3/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 3/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2278.045, test=-2719.331)
total time= 1.9s
[CV 2/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-794.556, test=-2505.377)
total time= 24.5s
[CV 5/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-262.616, test=-2928.220)
total time= 49.2s
[CV 3/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-747.777, test=-2886.154)
total time= 24.5s
[CV 1/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2477.516, test=-2460.495)
total time= 1.0s
[CV 2/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2519.825, test=-2355.212)
total time= 1.0s
[CV 3/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2408.547, test=-2759.083)
total time= 1.0s
[CV 5/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2406.781, test=-2718.262)
total time= 1.0s
[CV 2/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2370.901, test=-2329.242)
total time= 1.9s
[CV 4/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2290.047, test=-2586.792)
total time= 1.9s

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[CV 2/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 2/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-2025.595, test=-2376.066)
total time= 4.9s
[CV 5/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 5/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1910.438, test=-2718.564)
total time= 4.9s
[CV 3/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 3/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-1458.816, test=-2806.832)
total time= 9.7s
[CV 1/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 1/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-880.015, test=-2548.572)
total time= 19.6s
[CV 4/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 4/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-621.694, test=-2817.660)
total time= 24.2s
[CV 2/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10
[CV 2/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10;; score=(train=-2519.825, test=-2359.123)
total time= 1.0s
[CV 4/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10
[CV 4/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10;; score=(train=-2439.451, test=-2597.252)
total time= 1.0s
[CV 1/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 1/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2334.457, test=-2437.876)
total time= 1.9s
[CV 3/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 3/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2243.374, test=-2731.674)
total time= 1.9s
[CV 1/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 1/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50;; score=(train=-1968.068, test=-2481.026)
total time= 4.9s
[CV 4/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1917.532, test=-2623.068)
total time= 4.8s
[CV 2/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1551.877, test=-2416.402)
total time= 9.7s
[CV 5/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1425.171, test=-2791.128)
total time= 9.7s
[CV 1/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-688.400, test=-2586.895)
total time= 24.4s
[CV 4/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-185.175, test=-2858.736)
total time= 48.6s
[CV 2/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-823.378, test=-2476.670)
total time= 24.4s
[CV 5/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-297.521, test=-2908.715)
total time= 48.9s
[CV 3/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-890.926, test=-2856.137)
total time= 24.2s
[CV 1/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2495.160, test=-2442.312)
total time= 1.0s

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[CV 2/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2519.825, test=-2352.665)
total time= 1.0s
[CV 3/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2408.547, test=-2758.327)
total time= 1.0s
[CV 4/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2439.451, test=-2597.252)
total time= 1.0s
[CV 1/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2334.457, test=-2434.785)
total time= 1.9s
[CV 3/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2243.374, test=-2732.761)
total time= 1.9s
[CV 1/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1985.547, test=-2480.927)
total time= 4.8s
[CV 4/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1917.532, test=-2626.170)
total time= 4.8s
[CV 2/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1551.877, test=-2418.734)
total time= 9.6s
[CV 5/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1425.169, test=-2798.498)
total time= 9.7s
[CV 1/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-694.501, test=-2575.707)
total time= 24.1s

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[CV 4/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 4/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-185.175, test=-2857.997) total time= 48.4s
[CV 2/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 2/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-724.702, test=-2473.122) total time= 24.3s
[CV 5/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 5/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-233.074, test=-2910.970) total time= 49.1s
[CV 3/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 3/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-728.780, test=-2901.069) total time= 24.4s
[CV 1/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 1/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2488.416, test=-2460.411) total time= 1.0s
[CV 2/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 2/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2524.084, test=-2349.473) total time= 1.0s
[CV 4/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 4/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2444.187, test=-2598.810) total time= 1.0s
[CV 1/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 1/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-2335.406, test=-2430.582) total time= 1.9s
[CV 3/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 3/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-2246.857, test=-2737.224) total time= 1.9s
[CV 1/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 1/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=50;; score=(train=-2003.169, test=-2439.050)
total time= 4.8s
[CV 4/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1952.637, test=-2620.397)
total time= 4.8s
[CV 2/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1596.731, test=-2396.913)
total time= 9.7s
[CV 5/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1493.157, test=-2796.462)
total time= 9.7s
[CV 1/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-770.626, test=-2541.677)
total time= 24.3s
[CV 4/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-264.036, test=-2913.570)
total time= 48.5s
[CV 2/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-828.867, test=-2487.722)
total time= 24.0s
[CV 5/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-381.226, test=-2904.024)
total time= 48.6s
[CV 3/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-890.926, test=-2854.548)
total time= 24.1s
[CV 1/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2495.160, test=-2442.320)
total time= 1.0s
[CV 3/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200
[CV 3/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-901.535, test=-2884.802)
total time= 19.7s
[CV 1/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-213.796, test=-2652.523)
total time= 49.0s
[CV 2/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-976.001, test=-2496.401)
total time= 19.6s
[CV 5/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-730.782, test=-2892.104)
total time= 24.5s
[CV 5/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2263.022, test=-2689.646)
total time= 1.9s
[CV 3/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1891.428, test=-2760.167)
total time= 4.8s
[CV 1/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1479.248, test=-2490.256)
total time= 9.7s
[CV 4/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1451.793, test=-2705.870)
total time= 9.7s
[CV 4/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-809.858, test=-2786.666)
total time= 19.5s
[CV 2/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-221.335, test=-2510.512)

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total time= 48.7s
[CV 4/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-809.858, test=-2788.534)
total time= 19.3s
[CV 2/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-221.335, test=-2510.190)
total time= 48.9s
[CV 3/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-920.888, test=-2867.597)
total time= 19.7s
[CV 1/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-228.270, test=-2604.303)
total time= 49.1s
[CV 2/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1013.531, test=-2456.044)
total time= 19.4s
[CV 5/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-800.880, test=-2905.691)
total time= 24.7s
[CV 1/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1980.128, test=-2425.224)
total time= 4.7s
[CV 4/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1943.767, test=-2592.461)
total time= 4.8s
[CV 2/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1639.179, test=-2396.969)
total time= 9.6s
[CV 5/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

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[CV 5/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1519.662, test=-2764.127)
total time= 9.5s

[CV 1/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 1/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-827.368, test=-2567.974)
total time= 24.2s

[CV 4/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 4/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-309.731, test=-2850.756)
total time= 48.7s

[CV 2/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 2/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-838.558, test=-2492.252)
total time= 24.0s

[CV 5/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 5/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-348.509, test=-2896.194)
total time= 48.6s

[CV 3/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 3/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-890.926, test=-2855.708)
total time= 24.2s

[CV 1/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 1/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2495.160, test=-2442.262)
total time= 1.0s

[CV 2/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 2/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2535.360, test=-2348.694)
total time= 1.0s

[CV 4/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 4/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2456.544, test=-2583.963)
total time= 1.0s

[CV 5/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2412.704, test=-2724.127)
total time= 1.0s

[CV 2/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 2/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2394.796, test=-2308.556)
total time= 1.9s

[CV 4/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 4/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2309.868, test=-2563.423)
total time= 1.9s

[CV 2/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 2/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2086.020, test=-2329.848)
total time= 4.8s

[CV 5/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 5/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1935.324, test=-2729.380)
total time= 4.8s

[CV 3/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 3/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1609.637, test=-2769.549)
total time= 9.6s

[CV 1/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 1/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1023.623, test=-2512.704)
total time= 19.3s

[CV 4/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 4/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-809.772, test=-2796.108)
total time= 24.0s

[CV 2/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 2/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2535.360, test=-2345.342)
total time= 1.0s

[CV 4/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 4/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2456.544, test=-2584.936)
total time= 0.9s

[CV 1/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 1/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2346.293, test=-2407.075)
total time= 1.9s

[CV 3/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 3/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2278.045, test=-2719.591) total time= 1.9s
[CV 1/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 1/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1980.128, test=-2428.444) total time= 4.8s
[CV 4/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 4/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1943.768, test=-2593.306) total time= 4.8s
[CV 2/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 2/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1639.179, test=-2396.471) total time= 9.6s
[CV 5/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 5/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1519.661, test=-2761.374) total time= 9.6s
[CV 1/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 1/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-854.329, test=-2527.311) total time= 24.2s
[CV 4/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 4/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-297.912, test=-2865.680) total time= 48.2s
[CV 2/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 2/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-828.867, test=-2487.182) total time= 23.8s
[CV 5/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 5/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-353.697, test=-2893.575) total time= 48.3s
[CV 3/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 3/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-890.926, test=-2857.993)
total time= 24.2s
[CV 1/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2499.737, test=-2443.132)
total time= 1.0s
[CV 2/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2535.188, test=-2344.898)
total time= 1.0s
[CV 3/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2413.558, test=-2764.548)
total time= 0.9s
[CV 5/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2425.024, test=-2730.702)
total time= 1.0s
[CV 2/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2403.602, test=-2315.461)
total time= 1.9s
[CV 4/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2312.618, test=-2569.286)
total time= 1.9s
[CV 2/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2117.078, test=-2324.271)
total time= 4.8s
[CV 5/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1949.578, test=-2745.273)
total time= 4.8s[CV 3/5; 512/2352] START learning_rate=0.075, max_depth=5,
min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 3/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2414.564, test=-2762.145)
total time= 0.9s
[CV 5/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

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[CV 5/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2412.704, test=-2724.306)
total time= 0.9s

[CV 2/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 2/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2394.796, test=-2306.092)
total time= 1.9s

[CV 4/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 4/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2309.868, test=-2563.418)
total time= 1.9s

[CV 2/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 2/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2069.267, test=-2335.139)
total time= 4.8s

[CV 5/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 5/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1935.324, test=-2728.906)
total time= 4.8s

[CV 3/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 3/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1609.637, test=-2770.297)
total time= 9.7s

[CV 1/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 1/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1020.328, test=-2506.611)
total time= 19.4s

[CV 4/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 4/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-809.772, test=-2802.230)
total time= 24.2s

[CV 4/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 4/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2456.544, test=-2584.936)
total time= 1.0s

[CV 1/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 1/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2346.293, test=-2406.334)
total time= 1.9s

[CV 3/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 3/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2278.045, test=-2718.172) total time= 1.9s
[CV 1/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 1/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1980.128, test=-2424.552) total time= 4.8s
[CV 4/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 4/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1943.768, test=-2589.946) total time= 4.8s
[CV 2/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 2/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1652.299, test=-2387.570) total time= 9.7s
[CV 5/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 5/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1520.636, test=-2761.529) total time= 9.7s
[CV 1/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 1/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-850.807, test=-2542.728) total time= 24.3s
[CV 4/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 4/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-297.912, test=-2862.967) total time= 48.7s
[CV 2/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 2/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-828.866, test=-2483.855) total time= 24.5s
[CV 5/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 5/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-374.212, test=-2901.264) total time= 48.7s
[CV 3/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 3/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250;; score=(train=-916.970, test=-2878.657)
total time= 24.4s
[CV 1/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2499.737, test=-2443.132)
total time= 0.9s
[CV 3/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2413.558, test=-2764.206)
total time= 0.9s
[CV 5/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2425.024, test=-2730.061)
total time= 1.0s
[CV 2/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2403.602, test=-2314.400)
total time= 1.9s
[CV 4/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2312.618, test=-2568.428)
total time= 1.9s
[CV 2/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2134.880, test=-2326.940)
total time= 4.8s
[CV 5/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1949.575, test=-2744.724)
total time= 4.8s
[CV 2/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2535.360, test=-2348.507)
total time= 1.0s
[CV 3/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2414.564, test=-2761.508)
total time= 0.9s
[CV 5/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10
[CV 5/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2412.704, test=-2724.861)
total time= 1.0s
[CV 2/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2394.796, test=-2303.714)
total time= 1.9s
[CV 4/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2309.868, test=-2563.859)
total time= 1.9s
[CV 2/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2069.267, test=-2333.477)
total time= 4.8s
[CV 5/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1935.324, test=-2731.738)
total time= 4.8s
[CV 3/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1609.636, test=-2770.847)
total time= 9.6s
[CV 1/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1020.328, test=-2509.666)
total time= 19.3s
[CV 4/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-809.772, test=-2803.917)
total time= 24.0s
[CV 3/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2414.564, test=-2761.159)
total time= 1.0s
[CV 5/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2412.704, test=-2723.375)

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total time= 0.9s
[CV 2/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2394.794, test=-2298.382)
total time= 1.9s
[CV 4/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2309.868, test=-2561.669)
total time= 1.9s
[CV 2/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2069.267, test=-2329.069)
total time= 4.8s
[CV 5/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1935.326, test=-2726.394)
total time= 4.7s
[CV 3/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1609.636, test=-2770.078)
total time= 9.7s
[CV 1/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1023.623, test=-2513.541)
total time= 19.2s
[CV 4/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-816.836, test=-2787.750)
total time= 24.2s
[CV 4/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2457.647, test=-2599.162)
total time= 1.0s
[CV 1/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2364.701, test=-2412.253)
total time= 1.9s
[CV 3/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

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[CV 3/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2291.814, test=-2744.583)
total time= 1.9s

[CV 1/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 1/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2033.781, test=-2421.228)
total time= 4.7s

[CV 4/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 4/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1982.563, test=-2617.857)
total time= 4.8s

[CV 2/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 2/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1698.238, test=-2364.052)
total time= 9.6s

[CV 5/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 5/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1563.537, test=-2798.802)
total time= 9.6s

[CV 1/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 1/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-958.487, test=-2580.466)
total time= 24.2s

[CV 4/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 4/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-368.485, test=-2868.670)
total time= 48.4s

[CV 1/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 1/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-232.877, test=-2606.728)
total time= 49.1s

[CV 2/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 2/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-928.783, test=-2464.018)
total time= 19.5s

[CV 5/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 5/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-706.355, test=-2883.515)
total time= 24.2s

[CV 5/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 5/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2263.022, test=-2691.450) total time= 2.0s
[CV 3/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 3/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-1891.428, test=-2762.487) total time= 4.8s
[CV 1/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 1/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-1495.004, test=-2511.087) total time= 9.9s
[CV 4/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 4/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-1451.793, test=-2704.599) total time= 9.7s
[CV 4/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 4/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-809.858, test=-2784.500) total time= 19.5s
[CV 2/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 2/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-221.335, test=-2506.854) total time= 48.7s
[CV 3/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 3/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-967.300, test=-2877.686) total time= 19.6s
[CV 1/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 1/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-273.434, test=-2561.283) total time= 48.9s
[CV 2/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 2/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1043.733, test=-2458.846) total time= 19.3s
[CV 5/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 5/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250;; score=(train=-822.854, test=-2862.426)
total time= 24.3s
[CV 5/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2279.867, test=-2697.104)
total time= 1.9s
[CV 3/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1972.640, test=-2725.878)
total time= 4.8s
[CV 1/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1532.685, test=-2470.810)
total time= 9.6s
[CV 4/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1546.121, test=-2663.373)
total time= 9.6s
[CV 5/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1046.003, test=-2840.155)
total time= 19.4s
[CV 3/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-373.618, test=-2909.730)
total time= 48.7s
[CV 4/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1012.079, test=-2770.241)
total time= 19.2s
[CV 2/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-339.835, test=-2526.337)
total time= 48.6s
[CV 3/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1083.353, test=-2875.739)
total time= 19.5s
[CV 2/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=500
[CV 2/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-319.588, test=-2544.267)
total time= 48.5s
[CV 3/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1194.374, test=-2869.292)
total time= 19.3s
[CV 1/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-422.048, test=-2626.271)
total time= 48.5s
[CV 3/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1116.611, test=-2864.652)
total time= 19.5s
[CV 1/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-422.048, test=-2627.420)
total time= 48.4s
[CV 2/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1149.980, test=-2422.672)
total time= 19.5s
[CV 5/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2279.867, test=-2698.494)
total time= 1.9s
[CV 3/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1972.640, test=-2725.246)
total time= 4.8s
[CV 1/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1532.687, test=-2472.157)
total time= 9.6s
[CV 4/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1546.121, test=-2661.614)

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total time= 9.7s
[CV 5/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1036.714, test=-2834.118)
total time= 19.4s
[CV 3/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-359.951, test=-2960.397)
total time= 48.5s
[CV 3/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1101.175, test=-2852.672)
total time= 19.5s
[CV 2/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-339.834, test=-2534.165)
total time= 48.4s
[CV 3/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1101.175, test=-2853.024)
total time= 19.4s
[CV 1/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-352.674, test=-2578.155)
total time= 48.4s
[CV 2/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1054.949, test=-2432.152)
total time= 19.2s
[CV 5/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-858.272, test=-2865.688)
total time= 24.3s
[CV 5/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2292.380, test=-2691.257)
total time= 1.9s
[CV 3/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

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[CV 3/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2015.113, test=-2753.589)
total time= 4.8s
[CV 1/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1610.496, test=-2470.369)
total time= 9.6s
[CV 4/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1605.000, test=-2654.546)
total time= 9.6s
[CV 4/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1062.727, test=-2780.845)
total time= 19.2s
[CV 2/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-406.435, test=-2505.990)
total time= 48.3s
[CV 2/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1149.980, test=-2424.991)
total time= 19.3s
[CV 5/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-940.718, test=-2851.790)
total time= 24.2s
[CV 5/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2292.380, test=-2690.527)
total time= 1.9s
[CV 3/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2015.144, test=-2754.041)
total time= 4.8s
[CV 1/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1610.496, test=-2468.699)
total time= 9.5s

```


[CV 4/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 4/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-1589.231, test=-2670.721) total time= 9.5s
[CV 4/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 4/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1068.721, test=-2772.691) total time= 17.8s
[CV 5/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 5/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-933.704, test=-2881.263) total time= 24.2s
[CV 5/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 5/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2292.380, test=-2689.604) total time= 1.9s
[CV 3/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 3/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2020.606, test=-2756.803) total time= 4.8s
[CV 3/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-246.725, test=-2915.152) total time= 49.8s
[CV 5/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 5/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-889.470, test=-2868.304) total time= 19.5s
[CV 3/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 3/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-251.545, test=-2925.139) total time= 48.8s
[CV 5/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-933.687, test=-2868.993) total time= 19.5s
[CV 2/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 2/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-310.120, test=-2503.052) total time= 49.0s

[CV 4/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 4/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1012.077, test=-2776.558) total time= 19.5s
[CV 2/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 2/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-333.688, test=-2518.739) total time= 48.6s
[CV 4/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 4/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1012.079, test=-2773.989) total time= 19.4s
[CV 1/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 1/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-352.674, test=-2579.119) total time= 48.4s
[CV 2/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 2/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-1043.734, test=-2463.480) total time= 19.3s
[CV 5/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 5/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-822.855, test=-2868.117) total time= 24.2s
[CV 5/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 5/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2279.867, test=-2697.991) total time= 1.9s
[CV 3/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 3/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1972.640, test=-2725.722) total time= 4.7s
[CV 1/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 1/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-1532.687, test=-2471.064) total time= 9.5s
[CV 4/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 4/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100;; score=(train=-1546.121, test=-2663.872)
total time= 9.6s
[CV 4/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1012.077, test=-2769.461)
total time= 19.2s
[CV 1/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-352.674, test=-2581.566)
total time= 48.4s
[CV 2/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1149.980, test=-2422.130)
total time= 19.3s
[CV 5/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-933.704, test=-2878.014)
total time= 24.3s
[CV 5/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2292.380, test=-2690.376)
total time= 1.9s
[CV 3/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2001.043, test=-2761.335)
total time= 4.8s
[CV 1/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1610.496, test=-2469.370)
total time= 9.6s
[CV 4/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1598.493, test=-2664.384)
total time= 9.6s
[CV 5/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1088.883, test=-2856.539)
total time= 19.4s
[CV 3/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 3/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-464.946, test=-2922.307)
total time= 48.4s
[CV 5/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1088.883, test=-2856.401)
total time= 19.5s
[CV 3/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-443.661, test=-2953.078)
total time= 48.1s
[CV 4/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1043.038, test=-2789.497)
total time= 19.2s
[CV 2/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1662.822, test=-2807.460)
total time= 9.6s
[CV 1/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1118.461, test=-2553.011)
total time= 19.2s
[CV 4/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-880.809, test=-2799.152)
total time= 24.1s
[CV 5/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2425.024, test=-2729.447)
total time= 1.0s
[CV 2/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2403.597, test=-2318.346)
total time= 1.9s
[CV 4/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

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[CV 4/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2312.619, test=-2570.006)
total time= 1.9s

[CV 2/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 2/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2134.880, test=-2329.544)
total time= 4.8s

[CV 5/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 5/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1949.578, test=-2743.503)
total time= 4.7s

[CV 3/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 3/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1662.822, test=-2806.785)
total time= 9.7s

[CV 1/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 1/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1118.461, test=-2549.805)
total time= 19.6s

[CV 4/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 4/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-879.405, test=-2814.285)
total time= 24.2s

[CV 5/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 5/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2425.024, test=-2729.447)
total time= 1.0s

[CV 2/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 2/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2403.602, test=-2314.913)
total time= 1.9s

[CV 4/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 4/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2312.619, test=-2568.421)
total time= 1.9s

[CV 2/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 2/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2117.078, test=-2320.027)
total time= 4.8s

[CV 5/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 5/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1949.578, test=-2745.016) total time= 4.8s

[CV 3/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 3/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1662.822, test=-2808.257) total time= 9.7s

[CV 1/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 1/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-1118.461, test=-2553.078) total time= 19.6s

[CV 4/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 4/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-879.405, test=-2811.946) total time= 24.1s

[CV 3/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 3/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-2193.468, test=-2784.845) total time= 1.4s

[CV 5/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 5/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-2218.222, test=-2787.774) total time= 1.5s

[CV 3/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1864.364, test=-2786.925) total time= 2.9s

[CV 5/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 5/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1941.946, test=-2803.470) total time= 3.0s

[CV 3/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 3/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-1265.478, test=-2815.287) total time= 7.4s

[CV 1/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 1/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100;; score=(train=-591.643, test=-2547.418)
total time= 15.0s
[CV 2/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-149.426, test=-2458.137)
total time= 30.1s
[CV 5/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-81.700, test=-2921.068)
total time= 37.9s
[CV 2/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1331.411, test=-2418.880)
total time= 7.4s
[CV 1/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1558.727, test=-2515.145)
total time= 9.7s
[CV 4/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1492.586, test=-2717.964)
total time= 9.7s
[CV 4/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-944.548, test=-2816.936)
total time= 19.5s
[CV 3/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-295.882, test=-2941.115)
total time= 48.7s
[CV 3/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1101.175, test=-2850.570)
total time= 19.4s
[CV 1/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-352.674, test=-2579.150)
total time= 48.5s
[CV 2/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 2/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1038.898, test=-2457.260)
total time= 19.3s
[CV 5/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-858.272, test=-2861.505)
total time= 24.2s
[CV 5/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2279.867, test=-2699.147)
total time= 1.9s
[CV 3/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1971.842, test=-2740.977)
total time= 4.8s
[CV 1/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1532.687, test=-2471.465)
total time= 9.6s
[CV 4/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1546.121, test=-2666.089)
total time= 9.6s
[CV 5/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1046.003, test=-2839.348)
total time= 19.5s
[CV 3/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-369.126, test=-2908.449)
total time= 48.7s
[CV 5/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1046.004, test=-2840.867)
total time= 19.4s
[CV 3/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-369.126, test=-2907.626)

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total time= 48.8s
[CV 5/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1088.883, test=-2857.519)
total time= 19.4s
[CV 3/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-443.663, test=-2954.517)
total time= 48.8s
[CV 4/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1068.721, test=-2776.159)
total time= 19.3s
[CV 2/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-406.435, test=-2515.034)
total time= 48.5s
[CV 3/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1194.374, test=-2868.176)
total time= 18.1s
[CV 1/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-422.048, test=-2627.853)
total time= 48.6s
[CV 3/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1116.611, test=-2859.008)
total time= 19.3s
[CV 1/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-422.048, test=-2628.142)
total time= 48.4s
[CV 4/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-622.180, test=-2723.415)
total time= 15.0s
[CV 2/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

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[CV 2/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-80.930, test=-2490.082)
total time= 37.6s

[CV 5/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 5/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-4.066, test=-2896.043)
total time= 1.3min

[CV 2/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 2/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-80.818, test=-2456.055)
total time= 37.6s

[CV 1/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 1/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2346.293, test=-2406.389)
total time= 1.9s

[CV 3/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 3/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2278.045, test=-2718.430)
total time= 1.9s

[CV 1/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 1/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1980.128, test=-2426.399)
total time= 4.8s

[CV 4/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 4/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1943.767, test=-2590.053)
total time= 4.8s

[CV 2/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 2/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1639.786, test=-2387.630)
total time= 9.7s

[CV 5/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 5/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1519.661, test=-2763.228)
total time= 9.7s

[CV 1/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 1/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-854.329, test=-2526.222)
total time= 24.1s

[CV 4/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 4/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-309.731, test=-2856.176) total time= 48.2s

[CV 2/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 2/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-972.842, test=-2457.166) total time= 24.0s

[CV 5/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 5/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-444.522, test=-2883.330) total time= 48.5s

[CV 3/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 3/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-1007.154, test=-2893.360) total time= 24.1s

[CV 1/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 1/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2499.737, test=-2443.453) total time= 1.0s

[CV 2/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 2/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2535.188, test=-2349.946) total time= 0.9s

[CV 3/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 3/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2413.558, test=-2764.833) total time= 0.9s

[CV 4/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 4/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2457.647, test=-2598.894) total time= 0.9s

[CV 1/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 1/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2364.701, test=-2410.710) total time= 1.9s

[CV 3/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 3/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20;; score=(train=-2291.818, test=-2744.257)
total time= 1.9s
[CV 1/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2033.781, test=-2421.278)
total time= 4.7s
[CV 4/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1977.057, test=-2612.612)
total time= 4.7s
[CV 2/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1709.583, test=-2378.594)
total time= 9.7s
[CV 5/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1563.537, test=-2796.830)
total time= 9.5s
[CV 1/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-958.487, test=-2575.506)
total time= 24.5s
[CV 4/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-376.678, test=-2885.813)
total time= 47.8s
[CV 2/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-972.842, test=-2457.983)
total time= 23.9s
[CV 5/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-445.213, test=-2930.072)
total time= 48.6s
[CV 1/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-92.453, test=-2600.010)
total time= 37.9s
[CV 4/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500
[CV 4/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-4.565, test=-2783.561)
total time= 1.3min
[CV 3/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-97.023, test=-2853.930)
total time= 37.7s
[CV 3/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1662.822, test=-2806.447)
total time= 9.7s
[CV 1/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1118.461, test=-2551.152)
total time= 19.3s
[CV 4/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-879.405, test=-2812.523)
total time= 24.1s
[CV 2/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2535.188, test=-2347.734)
total time= 0.9s
[CV 4/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2457.647, test=-2598.894)
total time= 1.0s
[CV 1/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2364.701, test=-2411.598)
total time= 1.9s
[CV 3/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2291.814, test=-2744.114)
total time= 1.9s
[CV 1/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2033.781, test=-2418.058)

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total time= 4.8s
[CV 4/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1978.389, test=-2618.315)
total time= 4.8s
[CV 2/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1709.583, test=-2377.902)
total time= 9.5s
[CV 5/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1563.537, test=-2794.578)
total time= 9.5s
[CV 1/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-958.487, test=-2574.777)
total time= 23.9s
[CV 4/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-368.485, test=-2875.742)
total time= 47.6s
[CV 2/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-972.843, test=-2458.124)
total time= 23.9s
[CV 5/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-444.522, test=-2883.962)
total time= 48.0s
[CV 3/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-916.970, test=-2882.401)
total time= 24.5s
[CV 1/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2238.089, test=-2483.100)
total time= 1.5s
[CV 2/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

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[CV 2/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2324.829, test=-2377.814)
total time= 1.5s
[CV 4/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2237.112, test=-2602.357)
total time= 1.5s
[CV 1/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1939.298, test=-2463.265)
total time= 2.9s
[CV 4/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1898.942, test=-2599.830)
total time= 2.9s
[CV 2/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1356.688, test=-2395.181)
total time= 7.4s
[CV 5/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1184.920, test=-2849.516)
total time= 7.5s
[CV 3/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-653.298, test=-2886.395)
total time= 15.1s
[CV 5/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-161.003, test=-2914.159)
total time= 30.5s
[CV 3/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-5.174, test=-2943.491)
total time= 1.3min
[CV 1/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-81.756, test=-2582.689)
total time= 37.3s

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[CV 4/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 4/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-3.360, test=-2734.572)
total time= 1.3min

[CV 5/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 5/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1270.792, test=-2874.029)
total time= 7.4s

[CV 3/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 3/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-667.089, test=-2792.843)
total time= 14.8s

[CV 1/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 1/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-156.962, test=-2551.747)
total time= 29.8s

[CV 4/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 4/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-86.682, test=-2782.805)
total time= 37.5s

[CV 3/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=10
[CV 3/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=10;; score=(train=-2206.851, test=-2756.309)
total time= 1.4s

[CV 5/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=10
[CV 5/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=10;; score=(train=-2233.116, test=-2786.115)
total time= 1.4s

[CV 2/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 2/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-2059.034, test=-2355.123)
total time= 2.9s

[CV 4/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 4/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-1989.818, test=-2564.285)
total time= 2.9s

[CV 2/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 2/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,


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min_samples_split=10, n_estimators=50;; score=(train=-1436.581, test=-2410.956)
total time= 7.3s
[CV 5/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1338.418, test=-2871.506)
total time= 7.4s
[CV 3/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-730.622, test=-2801.693)
total time= 14.7s
[CV 1/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-258.492, test=-2613.641)
total time= 29.9s
[CV 3/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-127.976, test=-2840.541)
total time= 37.3s
[CV 1/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2338.311, test=-2470.036)
total time= 1.5s
[CV 2/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2395.842, test=-2370.570)
total time= 1.4s
[CV 3/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2238.489, test=-2756.767)
total time= 1.4s
[CV 4/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2294.102, test=-2599.805)
total time= 1.4s
[CV 5/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2236.812, test=-2759.954)
total time= 1.5s
[CV 2/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=20
[CV 2/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2121.903, test=-2341.759)
total time= 2.9s
[CV 5/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1962.936, test=-2767.568)
total time= 2.9s
[CV 3/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1459.614, test=-2780.265)
total time= 7.4s
[CV 1/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-852.203, test=-2558.109)
total time= 14.8s
[CV 4/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-826.383, test=-2735.799)
total time= 14.8s
[CV 2/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-303.940, test=-2462.781)
total time= 29.7s
[CV 5/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-197.425, test=-2862.570)
total time= 37.7s
[CV 2/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1439.595, test=-2428.022)
total time= 7.3s
[CV 5/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1334.864, test=-2782.692)
total time= 7.3s
[CV 3/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-772.323, test=-2810.212)

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total time= 14.7s
[CV 2/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-403.343, test=-2508.063)
total time= 48.2s
[CV 5/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-580.116, test=-2888.997)
total time= 15.0s
[CV 3/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-91.688, test=-2921.995)
total time= 37.8s
[CV 1/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2235.598, test=-2458.126)
total time= 1.5s
[CV 2/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2336.624, test=-2375.742)
total time= 1.5s
[CV 3/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2199.394, test=-2770.315)
total time= 1.4s
[CV 4/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2237.527, test=-2607.765)
total time= 1.5s
[CV 5/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2204.735, test=-2779.871)
total time= 1.4s
[CV 1/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1894.130, test=-2440.558)
total time= 2.9s
[CV 2/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2039.151, test=-2377.431)

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total time= 2.9s
[CV 3/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1831.015, test=-2770.743)
total time= 2.9s
[CV 5/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1921.570, test=-2773.423)
total time= 2.9s
[CV 3/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1268.082, test=-2777.672)
total time= 7.4s
[CV 1/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-618.632, test=-2524.947)
total time= 14.7s
[CV 4/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-601.782, test=-2710.043)
total time= 14.8s
[CV 2/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-153.201, test=-2464.483)
total time= 29.7s
[CV 5/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-91.103, test=-2925.954)
total time= 37.5s
[CV 1/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1394.674, test=-2551.234)
total time= 7.3s
[CV 4/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1315.070, test=-2646.618)
total time= 7.3s
[CV 2/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

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[CV 2/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-810.350, test=-2468.504)
total time= 14.9s

[CV 5/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 5/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-709.047, test=-2932.208)
total time= 14.9s

[CV 1/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 1/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-155.429, test=-2666.991)
total time= 37.9s

[CV 4/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 4/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-6.949, test=-2786.974)
total time= 1.3min

[CV 2/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 2/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-215.676, test=-2510.662)
total time= 37.2s

[CV 5/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 5/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-25.553, test=-2952.885)
total time= 1.3min

[CV 3/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 3/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-191.629, test=-2853.018)
total time= 36.6s

[CV 1/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 1/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2323.445, test=-2480.388)
total time= 1.4s

[CV 2/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 2/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2382.353, test=-2380.724)
total time= 1.4s

[CV 3/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 3/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2185.502, test=-2755.949)
total time= 1.4s

[CV 5/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 5/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-6.422, test=-2958.856)
total time= 1.3min

[CV 4/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 4/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-106.528, test=-2784.255)
total time= 37.2s

[CV 1/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 1/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2004.574, test=-2466.484)
total time= 2.9s

[CV 3/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 3/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-1994.254, test=-2735.266)
total time= 2.9s

[CV 1/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 1/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-1391.223, test=-2506.827)
total time= 7.3s

[CV 4/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 4/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-1415.516, test=-2677.695)
total time= 7.3s

[CV 3/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 3/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-911.710, test=-2868.145)
total time= 14.8s

[CV 1/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 1/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-318.387, test=-2571.597)
total time= 29.8s

[CV 4/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 4/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-178.022, test=-2809.475)
total time= 37.2s

[CV 4/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 4/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-2288.483, test=-2608.240)
total time= 1.4s
[CV 1/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2028.084, test=-2461.149)
total time= 2.9s
[CV 3/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1896.858, test=-2749.826)
total time= 2.8s
[CV 5/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1982.466, test=-2710.153)
total time= 2.8s
[CV 3/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1310.508, test=-2764.838)
total time= 7.2s
[CV 1/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-775.952, test=-2506.409)
total time= 14.6s
[CV 4/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-756.417, test=-2758.230)
total time= 14.8s
[CV 2/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-275.253, test=-2479.652)
total time= 29.3s
[CV 5/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-206.018, test=-2877.297)
total time= 37.3s
[CV 2/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1439.595, test=-2436.052)
total time= 7.3s
[CV 5/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50
[CV 5/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1308.880, test=-2782.371)
total time= 7.2s
[CV 3/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-772.322, test=-2815.297)
total time= 14.6s
[CV 1/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-278.399, test=-2552.563)
total time= 29.6s
[CV 4/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-178.398, test=-2820.545)
total time= 37.1s
[CV 2/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2382.353, test=-2381.225)
total time= 1.8s
[CV 4/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2288.483, test=-2609.166)
total time= 1.8s
[CV 1/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2028.084, test=-2462.759)
total time= 3.6s
[CV 3/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1896.858, test=-2747.436)
total time= 3.6s
[CV 5/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1982.466, test=-2710.621)
total time= 3.4s
[CV 3/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

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[CV 1/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2288.716, test=-2480.331)
total time= 1.5s
[CV 2/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2360.313, test=-2373.502)
total time= 1.5s
[CV 4/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2275.033, test=-2586.948)
total time= 1.4s
[CV 1/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2004.813, test=-2464.058)
total time= 2.9s
[CV 3/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1889.528, test=-2744.509)
total time= 2.9s
[CV 5/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1945.332, test=-2805.055)
total time= 2.9s
[CV 3/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1282.237, test=-2776.903)
total time= 7.2s
[CV 1/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-755.973, test=-2603.219)
total time= 14.9s
[CV 4/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-712.182, test=-2703.450)
total time= 14.7s
[CV 2/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-243.341, test=-2496.716)
total time= 29.5s

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[CV 5/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 5/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-134.158, test=-2966.158) total time= 37.1s

[CV 4/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 4/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2006.656, test=-2610.476) total time= 2.8s

[CV 2/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 2/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-1510.804, test=-2385.454) total time= 7.3s

[CV 5/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 5/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-1405.141, test=-2848.480) total time= 7.3s

[CV 2/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 2/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-960.267, test=-2477.743) total time= 14.7s

[CV 5/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 5/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-796.289, test=-2898.290) total time= 14.7s

[CV 1/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 1/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-200.200, test=-2581.642) total time= 37.3s

[CV 4/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 4/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-20.764, test=-2817.596) total time= 1.2min

[CV 2/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 2/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-152.699, test=-2466.100) total time= 36.8s

[CV 5/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 5/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500;; score=(train=-30.166, test=-2893.054)
total time= 1.2min
[CV 3/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-191.629, test=-2863.071)
total time= 37.1s
[CV 1/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2323.445, test=-2480.832)
total time= 1.8s
[CV 3/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2185.502, test=-2756.410)
total time= 1.7s
[CV 5/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2254.017, test=-2740.180)
total time= 1.8s
[CV 2/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2070.317, test=-2354.246)
total time= 3.4s
[CV 4/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1963.119, test=-2628.568)
total time= 3.4s
[CV 1/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1415.777, test=-2511.150)
total time= 7.7s
[CV 5/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1331.448, test=-2789.571)
total time= 7.3s
[CV 2/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-972.843, test=-2455.403)
total time= 24.2s
[CV 5/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 5/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-444.522, test=-2883.399)
total time= 47.6s
[CV 3/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-970.484, test=-2861.392)
total time= 24.1s
[CV 1/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2499.737, test=-2443.453)
total time= 1.0s
[CV 2/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2535.188, test=-2348.327)
total time= 0.9s
[CV 3/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2413.558, test=-2764.650)
total time= 1.0s
[CV 4/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2457.647, test=-2599.749)
total time= 0.9s
[CV 1/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2364.701, test=-2412.573)
total time= 1.9s
[CV 3/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2291.818, test=-2744.490)
total time= 1.9s
[CV 1/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2033.781, test=-2420.269)
total time= 4.8s
[CV 4/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1982.563, test=-2617.902)

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total time= 4.7s
[CV 2/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1709.583, test=-2376.621)
total time= 9.6s
[CV 5/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1563.537, test=-2794.038)
total time= 9.6s
[CV 1/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-958.487, test=-2571.861)
total time= 24.0s
[CV 4/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-362.035, test=-2881.341)
total time= 48.1s
[CV 4/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-164.610, test=-2732.757)
total time= 30.3s
[CV 2/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-5.631, test=-2467.238)
total time= 1.3min
[CV 4/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-158.041, test=-2750.479)
total time= 29.9s
[CV 2/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-4.538, test=-2492.706)
total time= 1.3min
[CV 4/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-208.047, test=-2764.516)
total time= 29.9s
[CV 2/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

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[CV 2/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-9.826, test=-2510.749)
total time= 1.3min

[CV 4/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 4/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-273.924, test=-2801.801)
total time= 29.6s

[CV 1/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-27.673, test=-2589.838)
total time= 1.3min

[CV 4/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 4/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-283.211, test=-2821.096)
total time= 29.5s

[CV 2/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 2/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-17.920, test=-2479.090)
total time= 1.2min

[CV 3/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 3/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-300.395, test=-2836.569)
total time= 29.6s

[CV 1/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 1/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-26.770, test=-2562.783)
total time= 1.3min

[CV 2/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 2/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-258.391, test=-2506.670)
total time= 29.4s

[CV 2/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 2/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-155.594, test=-2504.807)
total time= 37.1s

[CV 5/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 5/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-10.656, test=-2979.028)
total time= 1.2min

[CV 3/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 3/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-212.172, test=-2911.738)
total time= 37.2s

[CV 1/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 1/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2323.445, test=-2480.276)
total time= 1.5s

[CV 2/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 2/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2382.353, test=-2376.560)
total time= 1.4s

[CV 3/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 3/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2185.502, test=-2757.976)
total time= 1.4s

[CV 5/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 5/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2254.017, test=-2736.081)
total time= 1.4s

[CV 2/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 2/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-2070.317, test=-2349.976)
total time= 2.9s

[CV 4/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 4/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-1963.119, test=-2628.711)
total time= 2.8s

[CV 1/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 1/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-1386.266, test=-2523.467)
total time= 7.2s

[CV 4/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 4/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-1312.987, test=-2689.739)
total time= 7.2s

[CV 2/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 2/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100;; score=(train=-784.978, test=-2454.585)
total time= 14.8s
[CV 5/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-718.989, test=-2851.559)
total time= 14.8s
[CV 1/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-171.881, test=-2557.678)
total time= 37.4s
[CV 4/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-18.272, test=-2834.101)
total time= 1.2min
[CV 2/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-153.368, test=-2488.634)
total time= 36.6s
[CV 5/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-30.045, test=-2927.474)
total time= 1.3min
[CV 3/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-157.195, test=-2860.205)
total time= 37.0s
[CV 1/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2337.779, test=-2478.071)
total time= 1.4s
[CV 3/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2192.265, test=-2751.920)
total time= 1.4s
[CV 5/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2259.280, test=-2733.883)
total time= 1.4s
[CV 2/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20
[CV 2/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2159.052, test=-2360.380)
total time= 2.9s
[CV 4/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2006.452, test=-2599.164)
total time= 2.9s
[CV 1/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1498.149, test=-2463.887)
total time= 7.3s
[CV 4/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1421.700, test=-2668.853)
total time= 7.2s
[CV 2/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-949.811, test=-2459.072)
total time= 14.6s
[CV 5/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-831.311, test=-2804.307)
total time= 14.5s
[CV 1/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-264.209, test=-2526.657)
total time= 36.8s
[CV 4/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-403.343, test=-2507.079)
total time= 48.1s
[CV 2/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1149.980, test=-2422.563)
total time= 19.2s
[CV 5/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

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[CV 5/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-940.718, test=-2849.410)
total time= 24.2s

[CV 2/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 2/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2031.847, test=-2372.594)
total time= 2.9s

[CV 1/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 1/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1244.210, test=-2495.601)
total time= 7.4s

[CV 4/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 4/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1209.625, test=-2635.544)
total time= 7.4s

[CV 2/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 2/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-629.262, test=-2432.012)
total time= 14.9s

[CV 3/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 3/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-169.371, test=-2929.528)
total time= 30.2s

[CV 1/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 1/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-5.401, test=-2614.991)
total time= 1.3min

[CV 3/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 3/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-175.521, test=-2854.714)
total time= 30.0s

[CV 1/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 1/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-4.875, test=-2550.326)
total time= 1.3min

[CV 3/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 3/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-261.160, test=-2829.677)
total time= 30.0s

[CV 1/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 1/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-12.154, test=-2656.593)
total time= 1.3min

[CV 3/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-362.056, test=-2872.161)
total time= 30.1s

[CV 2/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 2/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-21.654, test=-2533.169)
total time= 1.2min

[CV 3/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 3/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-300.395, test=-2847.555)
total time= 29.7s

[CV 1/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 1/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-28.761, test=-2537.515)
total time= 1.3min

[CV 4/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 4/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-273.331, test=-2794.107)
total time= 29.4s

[CV 2/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 2/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-17.427, test=-2468.172)
total time= 1.3min

[CV 3/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 3/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-300.395, test=-2842.006)
total time= 29.6s

[CV 1/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-22.327, test=-2566.417)
total time= 1.2min

[CV 2/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 2/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-377.432, test=-2479.465)
total time= 29.2s
[CV 5/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-280.712, test=-2871.088)
total time= 37.2s
[CV 1/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1556.492, test=-2489.745)
total time= 7.1s
[CV 4/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1485.434, test=-2646.521)
total time= 7.0s
[CV 2/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-974.728, test=-2430.677)
total time= 14.3s
[CV 5/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-980.817, test=-2840.085)
total time= 14.4s
[CV 1/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-405.957, test=-2577.029)
total time= 36.9s
[CV 4/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2254.017, test=-2738.347)
total time= 1.5s
[CV 2/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2070.317, test=-2354.854)
total time= 2.9s
[CV 4/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1963.119, test=-2629.851)

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total time= 2.9s
[CV 1/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1394.430, test=-2524.931)
total time= 7.3s
[CV 4/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1285.185, test=-2700.377)
total time= 7.2s
[CV 2/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-802.273, test=-2466.877)
total time= 14.6s
[CV 5/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-743.978, test=-2861.705)
total time= 14.6s
[CV 1/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-193.724, test=-2571.203)
total time= 37.1s
[CV 4/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-21.058, test=-2863.075)
total time= 1.3min
[CV 2/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-159.531, test=-2479.716)
total time= 36.7s
[CV 5/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-30.261, test=-2877.624)
total time= 1.3min
[CV 3/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-260.983, test=-2873.725)
total time= 37.1s
[CV 1/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

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[CV 1/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2357.834, test=-2468.183)
total time= 1.4s
[CV 3/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2250.603, test=-2764.395)
total time= 1.4s
[CV 5/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2281.249, test=-2741.015)
total time= 1.4s
[CV 2/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2153.644, test=-2320.190)
total time= 2.8s
[CV 4/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2033.761, test=-2587.664)
total time= 2.8s
[CV 2/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1578.989, test=-2380.249)
total time= 7.1s
[CV 5/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1477.031, test=-2784.099)
total time= 7.1s
[CV 3/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1082.464, test=-2809.707)
total time= 14.5s
[CV 1/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-539.237, test=-2591.132)
total time= 29.4s
[CV 4/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-271.947, test=-2817.004)
total time= 36.2s

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[CV 2/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2412.385, test=-2372.880) total time= 1.4s

[CV 4/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 4/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2306.040, test=-2593.190) total time= 1.4s

[CV 1/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 1/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2091.023, test=-2452.458) total time= 2.8s

[CV 3/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 3/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-1990.989, test=-2752.037) total time= 2.8s

[CV 1/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 1/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1559.883, test=-2497.948) total time= 7.1s

[CV 4/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 4/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1485.434, test=-2647.032) total time= 7.1s

[CV 2/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 1/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 1/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-291.757, test=-2564.107) total time= 29.7s

[CV 4/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 4/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-170.918, test=-2814.829) total time= 36.9s

[CV 4/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 4/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-2288.483, test=-2606.384) total time= 1.4s

[CV 1/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20
[CV 1/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2028.084, test=-2466.027)
total time= 2.8s
[CV 3/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1896.858, test=-2746.328)
total time= 2.7s
[CV 5/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1982.466, test=-2707.704)
total time= 2.9s
[CV 3/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1310.508, test=-2765.988)
total time= 7.3s
[CV 1/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-778.587, test=-2558.284)
total time= 14.6s
[CV 4/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-760.738, test=-2754.933)
total time= 14.7s
[CV 2/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-252.945, test=-2460.972)
total time= 29.3s
[CV 5/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-227.229, test=-2921.239)
total time= 39.9s
[CV 2/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1434.400, test=-2428.820)
total time= 7.3s
[CV 4/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1285.184, test=-2696.672)

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total time= 7.3s
[CV 2/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-792.710, test=-2459.978)
total time= 14.6s
[CV 5/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-736.273, test=-2861.680)
total time= 14.7s
[CV 1/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-193.476, test=-2555.685)
total time= 37.2s
[CV 4/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-21.140, test=-2850.127)
total time= 1.2min
[CV 2/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-249.125, test=-2528.499)
total time= 36.9s
[CV 5/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-47.380, test=-2851.842)
total time= 1.2min
[CV 3/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-374.020, test=-2851.570)
total time= 37.0s
[CV 1/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2357.834, test=-2469.675)
total time= 1.5s
[CV 3/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2250.603, test=-2762.688)
total time= 1.4s
[CV 5/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

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[CV 5/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2281.249, test=-2744.377)
total time= 1.4s
[CV 2/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2153.644, test=-2323.049)
total time= 2.8s
[CV 4/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2033.761, test=-2589.621)
total time= 2.8s
[CV 2/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1578.989, test=-2389.354)
total time= 7.1s
[CV 5/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1477.031, test=-2783.158)
total time= 7.1s
[CV 3/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1063.270, test=-2840.072)
total time= 14.6s
[CV 1/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1610.496, test=-2463.626)
total time= 9.6s
[CV 4/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1589.231, test=-2668.746)
total time= 9.6s
[CV 5/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1088.883, test=-2855.748)
total time= 19.2s
[CV 3/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500;; score=(train=-464.946, test=-2921.230)
total time= 48.1s
[CV 1/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-189.248, test=-2613.455)
total time= 30.3s
[CV 4/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-68.932, test=-2713.895)
total time= 37.5s
[CV 4/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1896.681, test=-2603.962)
total time= 2.9s
[CV 1/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1244.978, test=-2489.403)
total time= 7.3s
[CV 4/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1212.012, test=-2675.736)
total time= 7.3s
[CV 2/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-693.938, test=-2475.325)
total time= 14.8s
[CV 5/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-611.795, test=-2910.090)
total time= 14.8s
[CV 5/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-171.284, test=-2930.669)
total time= 30.0s
[CV 3/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-3.677, test=-2842.499)
total time= 1.3min
[CV 5/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200
[CV 5/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-229.417, test=-2961.203)
total time= 30.0s
[CV 3/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-9.242, test=-2846.343)
total time= 1.2min
[CV 5/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-328.385, test=-2879.362)
total time= 30.1s
[CV 3/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-24.182, test=-2886.641)
total time= 1.2min
[CV 5/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-302.673, test=-2899.403)
total time= 29.9s
[CV 3/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-26.024, test=-2863.994)
total time= 1.2min
[CV 5/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-329.697, test=-2909.228)
total time= 29.6s
[CV 3/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-26.024, test=-2869.369)
total time= 1.3min
[CV 5/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-329.697, test=-2913.914)
total time= 29.7s
[CV 3/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-26.024, test=-2861.324)

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total time= 1.3min
[CV 5/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-360.976, test=-2855.635)
total time= 29.7s
[CV 3/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-40.696, test=-2886.940)
total time= 1.2min
[CV 5/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-473.347, test=-2883.150)
total time= 29.4s
[CV 3/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-77.702, test=-2915.618)
total time= 1.2min
[CV 5/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-503.229, test=-2864.104)
total time= 29.3s
[CV 3/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1310.508, test=-2764.482)
total time= 7.3s
[CV 1/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-788.988, test=-2514.302)
total time= 14.8s
[CV 4/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-756.507, test=-2770.254)
total time= 14.4s
[CV 4/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-267.394, test=-2807.867)
total time= 29.4s
[CV 2/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-21.308, test=-2459.376)

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total time= 1.2min
[CV 3/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-381.718, test=-2851.898)
total time= 29.5s
[CV 1/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-39.461, test=-2563.554)
total time= 1.2min
[CV 2/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-453.050, test=-2439.613)
total time= 28.8s
[CV 5/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-349.340, test=-2873.904)
total time= 36.6s
[CV 5/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2017.971, test=-2718.559)
total time= 2.8s
[CV 3/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1520.903, test=-2795.061)
total time= 7.1s
[CV 1/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1040.244, test=-2555.306)
total time= 14.4s
[CV 4/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-942.652, test=-2722.733)
total time= 14.3s
[CV 3/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-515.617, test=-2840.676)
total time= 29.2s
[CV 2/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

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[CV 2/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-58.444, test=-2491.855)
total time= 1.2min

[CV 2/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-440.634, test=-2470.258)
total time= 29.0s

[CV 5/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-367.433, test=-2882.072)
total time= 36.8s

[CV 5/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 5/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2017.971, test=-2722.250)
total time= 2.8s

[CV 3/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 3/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1520.904, test=-2795.334)
total time= 7.1s

[CV 1/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 1/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1040.244, test=-2551.789)
total time= 14.3s

[CV 4/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 4/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-942.652, test=-2724.233)
total time= 14.3s

[CV 2/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 2/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-440.634, test=-2473.494)
total time= 28.9s

[CV 5/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 5/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-362.957, test=-2875.691)
total time= 36.8s

[CV 1/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 1/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1623.164, test=-2494.847)
total time= 7.0s

[CV 4/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 4/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-1555.209, test=-2668.939) total time= 7.0s
[CV 2/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 2/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-1191.626, test=-2438.893) total time= 14.2s
[CV 5/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 5/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-1054.160, test=-2786.482) total time= 14.3s
[CV 1/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 1/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-443.934, test=-2631.297) total time= 36.2s
[CV 4/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 5/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 5/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-196.629, test=-2904.244) total time= 37.2s
[CV 2/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 2/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1563.824, test=-2428.389) total time= 7.2s
[CV 5/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 5/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1359.608, test=-2753.913) total time= 7.2s
[CV 3/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 3/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-918.044, test=-2821.914) total time= 14.6s
[CV 1/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 1/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-373.570, test=-2548.031) total time= 29.3s
[CV 4/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,


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min_samples_split=15, n_estimators=250
[CV 4/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-196.451, test=-2844.258)
total time= 36.7s
[CV 2/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2412.385, test=-2368.089)
total time= 1.4s
[CV 4/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2306.040, test=-2594.313)
total time= 1.4s
[CV 1/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2091.023, test=-2456.654)
total time= 2.8s
[CV 3/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1990.989, test=-2753.628)
total time= 2.8s
[CV 5/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2017.971, test=-2720.702)
total time= 2.8s
[CV 3/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1520.904, test=-2793.806)
total time= 7.1s
[CV 1/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1040.244, test=-2552.531)
total time= 14.5s
[CV 4/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-942.652, test=-2725.456)
total time= 14.5s
[CV 4/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-393.923, test=-2800.944)

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total time= 28.9s
[CV 2/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-72.098, test=-2447.385)
total time= 1.2min
[CV 2/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-453.050, test=-2445.807)
total time= 29.1s
[CV 5/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-364.676, test=-2875.802)
total time= 37.2s
[CV 1/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1556.493, test=-2493.258)
total time= 7.2s
[CV 4/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1485.434, test=-2649.473)
total time= 7.1s
[CV 2/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-974.728, test=-2436.398)
total time= 14.5s
[CV 5/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-915.444, test=-2840.504)
total time= 14.4s
[CV 1/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-370.517, test=-2588.084)
total time= 36.9s
[CV 4/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-53.343, test=-2824.628)
total time= 1.2min
[CV 2/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

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[CV 2/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-329.989, test=-2434.878)
total time= 36.1s

[CV 5/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 5/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-72.284, test=-2897.822)
total time= 1.2min

[CV 3/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 3/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-462.452, test=-2884.273)
total time= 36.9s

[CV 2/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 2/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2426.206, test=-2360.083)
total time= 1.4s

[CV 4/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-53.343, test=-2828.413)
total time= 1.2min

[CV 2/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 2/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-329.989, test=-2437.950)
total time= 36.2s

[CV 5/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 5/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-78.804, test=-2909.975)
total time= 1.2min

[CV 3/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 3/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-368.338, test=-2913.099)
total time= 36.9s

[CV 1/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 1/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2357.834, test=-2468.178)
total time= 1.4s

[CV 2/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 2/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2412.385, test=-2367.606)
total time= 1.4s

[CV 3/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

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[CV 3/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2250.603, test=-2762.126)
total time= 1.4s
[CV 5/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2281.249, test=-2742.155)
total time= 1.4s
[CV 2/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2153.644, test=-2324.183)
total time= 2.8s
[CV 4/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2033.761, test=-2585.992)
total time= 2.8s
[CV 2/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1578.989, test=-2380.461)
total time= 7.1s
[CV 5/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1477.031, test=-2783.631)
total time= 7.1s
[CV 3/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1082.464, test=-2810.169)
total time= 14.5s
[CV 1/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-540.490, test=-2583.033)
total time= 29.2s
[CV 4/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-271.947, test=-2818.851)
total time= 36.0s
[CV 3/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2269.786, test=-2756.673)
total time= 1.4s

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[CV 5/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2290.770, test=-2722.771)
total time= 1.4s
[CV 2/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2199.314, test=-2338.443)
total time= 2.8s
[CV 4/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2052.115, test=-2608.518)
total time= 2.8s
[CV 2/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1746.587, test=-2384.941)
total time= 7.1s
[CV 5/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1535.717, test=-2757.145)
total time= 7.0s
[CV 3/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1156.642, test=-2830.353)
total time= 14.5s
[CV 1/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-593.509, test=-2620.286)
total time= 28.9s
[CV 4/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-393.529, test=-2827.334)
total time= 36.1s
[CV 1/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2365.459, test=-2453.195)
total time= 1.4s
[CV 3/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10;; score=(train=-2269.786, test=-2757.442)
total time= 1.4s
[CV 5/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2290.770, test=-2724.154)
total time= 1.4s
[CV 2/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2199.314, test=-2343.973)
total time= 2.8s
[CV 4/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-772.323, test=-2817.079)
total time= 14.7s
[CV 1/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-278.742, test=-2502.447)
total time= 29.7s
[CV 4/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-164.212, test=-2818.137)
total time= 37.1s
[CV 2/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2411.920, test=-2380.755)
total time= 1.4s
[CV 4/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2286.191, test=-2605.296)
total time= 1.4s
[CV 1/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2081.148, test=-2452.653)
total time= 2.9s
[CV 3/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1902.834, test=-2733.805)

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total time= 2.8s
[CV 5/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2017.790, test=-2696.515)
total time= 2.9s
[CV 3/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1405.591, test=-2758.181)
total time= 7.2s
[CV 1/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-907.046, test=-2517.807)
total time= 14.7s
[CV 4/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-860.362, test=-2750.593)
total time= 14.5s
[CV 4/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-316.616, test=-2831.024)
total time= 29.3s
[CV 2/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-37.711, test=-2505.056)
total time= 1.2min
[CV 3/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-532.348, test=-2891.713)
total time= 29.4s
[CV 1/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-87.845, test=-2624.491)
total time= 1.2min
[CV 4/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-393.923, test=-2796.230)
total time= 28.8s
[CV 1/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

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[CV 1/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-80.415, test=-2569.830)
total time= 1.2min

[CV 3/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 3/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-531.401, test=-2901.209)
total time= 29.6s

[CV 1/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 1/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-84.395, test=-2611.747)
total time= 1.2min

[CV 3/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 3/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-515.617, test=-2842.189)
total time= 29.2s

[CV 1/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-90.062, test=-2572.850)
total time= 1.2min

[CV 2/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 2/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-613.071, test=-2467.087)
total time= 29.5s

[CV 5/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 5/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-420.954, test=-2841.375)
total time= 36.5s

[CV 2/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 2/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1746.587, test=-2378.755)
total time= 7.1s

[CV 5/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 5/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1535.717, test=-2756.010)
total time= 7.0s

[CV 3/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 3/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1093.186, test=-2824.561)
total time= 14.3s

[CV 1/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 1/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-596.481, test=-2581.029)
total time= 29.2s

[CV 4/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 4/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-393.529, test=-2826.567)
total time= 36.0s

[CV 4/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-29.092, test=-2858.983)
total time= 1.2min

[CV 2/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 2/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-329.989, test=-2444.935)
total time= 36.7s

[CV 5/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 5/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-76.084, test=-2885.343)
total time= 1.2min

[CV 4/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 4/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-298.608, test=-2795.279)
total time= 36.5s

[CV 1/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 1/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2357.834, test=-2468.305)
total time= 1.4s

[CV 3/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 3/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2250.603, test=-2760.208)
total time= 1.4s

[CV 5/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 5/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2281.249, test=-2739.985)
total time= 1.4s

[CV 2/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 2/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2153.644, test=-2328.943)
total time= 2.8s

[CV 4/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 4/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2033.761, test=-2586.644) total time= 2.8s

[CV 2/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 2/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1578.989, test=-2390.262) total time= 7.1s

[CV 5/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 5/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1500.624, test=-2772.468) total time= 7.3s

[CV 3/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 3/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1082.464, test=-2807.325) total time= 14.7s

[CV 1/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 1/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-535.309, test=-2541.993) total time= 29.3s

[CV 4/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 4/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-271.947, test=-2812.745) total time= 36.6s

[CV 4/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 4/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2306.040, test=-2595.388) total time= 1.4s

[CV 1/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 1/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2091.023, test=-2451.269) total time= 2.8s

[CV 3/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 3/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-1990.989, test=-2754.547) total time= 2.8s

[CV 1/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 1/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50;; score=(train=-1556.492, test=-2492.236)
total time= 7.1s
[CV 4/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1485.434, test=-2643.427)
total time= 7.0s
[CV 2/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-974.728, test=-2428.537)
total time= 14.2s
[CV 5/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1012.793, test=-2833.686)
total time= 14.5s
[CV 1/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-394.556, test=-2594.376)
total time= 36.7s
[CV 4/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-53.343, test=-2833.852)
total time= 1.2min
[CV 2/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-433.566, test=-2496.984)
total time= 36.3s
[CV 5/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-123.178, test=-2850.525)
total time= 1.2min
[CV 3/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-458.149, test=-2894.349)
total time= 36.4s
[CV 1/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2365.459, test=-2451.723)
total time= 1.4s
[CV 3/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10
[CV 3/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2269.786, test=-2756.530)
total time= 1.4s
[CV 5/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-974.728, test=-2434.309)
total time= 14.4s
[CV 5/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-961.725, test=-2839.222)
total time= 14.5s
[CV 1/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-394.556, test=-2597.633)
total time= 36.7s
[CV 4/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-53.343, test=-2827.932)
total time= 1.2min
[CV 2/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-329.989, test=-2434.511)
total time= 36.3s
[CV 5/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-72.822, test=-2911.335)
total time= 1.2min
[CV 3/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-374.020, test=-2866.001)
total time= 37.2s
[CV 1/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2365.459, test=-2452.200)
total time= 1.4s
[CV 2/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2426.206, test=-2358.081)

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total time= 1.4s
[CV 4/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2293.640, test=-2610.427)
total time= 1.4s
[CV 1/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2149.255, test=-2439.357)
total time= 2.8s
[CV 3/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2032.740, test=-2752.037)
total time= 2.8s
[CV 5/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2080.790, test=-2710.203)
total time= 2.8s
[CV 3/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1573.185, test=-2794.003)
total time= 7.1s
[CV 1/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1121.994, test=-2547.777)
total time= 14.7s
[CV 4/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1076.596, test=-2737.898)
total time= 14.4s
[CV 4/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-528.281, test=-2814.412)
total time= 29.1s
[CV 2/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-113.635, test=-2509.822)
total time= 1.2min
[CV 3/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

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[CV 3/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-634.377, test=-2880.583)
total time= 29.2s

[CV 1/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 1/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-126.897, test=-2609.592)
total time= 1.2min

[CV 3/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 3/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-630.055, test=-2890.661)
total time= 29.4s

[CV 2/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 2/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-113.635, test=-2514.910)
total time= 1.2min

[CV 4/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 4/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-528.281, test=-2814.870)
total time= 28.7s

[CV 2/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 2/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-96.557, test=-2506.786)
total time= 1.2min

[CV 3/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 3/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1277.999, test=-2852.857)
total time= 15.4s

[CV 1/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 1/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2530.636, test=-2420.900)
total time= 0.6s

[CV 3/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 3/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2450.607, test=-2736.605)
total time= 0.6s

[CV 5/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 5/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2450.948, test=-2716.065)
total time= 0.6s

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[CV 2/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2293.640, test=-2610.204)
total time= 1.4s
[CV 1/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2149.255, test=-2438.623)
total time= 2.8s
[CV 3/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2032.740, test=-2749.148)
total time= 2.8s
[CV 5/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2080.790, test=-2708.635)
total time= 2.8s
[CV 3/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1573.187, test=-2794.640)
total time= 7.1s
[CV 1/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1130.664, test=-2550.700)
total time= 14.4s
[CV 4/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1076.596, test=-2736.231)
total time= 14.4s
[CV 4/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-528.281, test=-2811.237)
total time= 28.8s
[CV 2/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-96.557, test=-2513.136)
total time= 1.2min
[CV 2/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200
[CV 2/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-603.791, test=-2490.683)
total time= 29.0s
[CV 5/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-420.954, test=-2835.969)
total time= 36.5s
[CV 2/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1746.587, test=-2385.064)
total time= 7.1s
[CV 5/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1535.717, test=-2756.434)
total time= 7.0s
[CV 3/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1170.209, test=-2836.715)
total time= 14.1s
[CV 1/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-638.526, test=-2588.588)
total time= 29.1s
[CV 4/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-393.529, test=-2827.419)
total time= 35.9s
[CV 3/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2450.607, test=-2737.291)
total time= 0.6s
[CV 5/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2450.948, test=-2716.065)
total time= 0.6s
[CV 2/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2479.746, test=-2315.293)

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total time= 1.2s
[CV 4/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2411.555, test=-2543.558)
total time= 1.2s
[CV 1/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2247.166, test=-2427.575)
total time= 3.1s
[CV 3/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2195.210, test=-2726.367)
total time= 3.1s
[CV 1/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1938.305, test=-2467.429)
total time= 6.1s
[CV 4/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1904.802, test=-2639.060)
total time= 6.1s
[CV 2/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1535.172, test=-2428.094)
total time= 12.1s
[CV 5/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1465.178, test=-2835.180)
total time= 12.2s
[CV 4/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1237.459, test=-2755.578)
total time= 15.2s
[CV 5/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-683.863, test=-2920.177)
total time= 30.4s
[CV 5/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

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[CV 5/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2290.770, test=-2721.895)
total time= 1.4s
[CV 2/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2199.313, test=-2339.516)
total time= 2.8s
[CV 4/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2052.115, test=-2608.521)
total time= 2.7s
[CV 2/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1746.587, test=-2384.830)
total time= 7.1s
[CV 5/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1535.717, test=-2758.775)
total time= 7.0s
[CV 3/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1117.812, test=-2826.374)
total time= 14.3s
[CV 1/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-614.667, test=-2614.746)
total time= 29.1s
[CV 4/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-393.529, test=-2827.468)
total time= 36.3s
[CV 4/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2293.640, test=-2609.278)
total time= 1.4s
[CV 1/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2149.255, test=-2438.289)
total time= 2.8s

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[CV 3/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2032.740, test=-2746.625) total time= 2.8s
[CV 5/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 5/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2080.790, test=-2708.390) total time= 2.8s
[CV 3/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 3/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1585.463, test=-2779.815) total time= 7.1s
[CV 1/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 1/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1121.994, test=-2546.384) total time= 14.5s
[CV 4/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 4/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1076.596, test=-2737.504) total time= 14.4s
[CV 3/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 3/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-620.636, test=-2916.326) total time= 29.2s
[CV 1/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 1/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-131.252, test=-2604.898) total time= 1.2min
[CV 5/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 5/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-1287.824, test=-2858.073) total time= 15.2s
[CV 2/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 2/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2563.356, test=-2329.706) total time= 0.6s
[CV 4/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 4/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=10;; score=(train=-2494.300, test=-2569.108)
total time= 0.6s
[CV 1/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2444.099, test=-2401.432)
total time= 1.2s
[CV 3/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2377.364, test=-2715.438)
total time= 1.1s
[CV 5/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2363.937, test=-2691.974)
total time= 1.2s
[CV 3/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2190.616, test=-2733.110)
total time= 3.1s
[CV 1/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1947.097, test=-2442.110)
total time= 6.1s
[CV 4/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1882.148, test=-2634.019)
total time= 6.1s
[CV 4/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1406.058, test=-2725.559)
total time= 12.1s
[CV 2/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-739.360, test=-2577.749)
total time= 30.4s
[CV 3/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1484.509, test=-2858.826)
total time= 12.3s
[CV 4/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20;; score=(train=-2052.115, test=-2611.485)
total time= 2.7s
[CV 1/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1609.550, test=-2493.077)
total time= 7.0s
[CV 4/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1555.209, test=-2669.775)
total time= 7.0s
[CV 2/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1204.302, test=-2429.497)
total time= 14.4s
[CV 5/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1054.160, test=-2780.963)
total time= 14.1s
[CV 1/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-470.768, test=-2590.616)
total time= 36.3s
[CV 4/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-102.628, test=-2863.045)
total time= 1.2min
[CV 2/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-452.507, test=-2479.132)
total time= 36.2s
[CV 5/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-123.178, test=-2856.205)
total time= 1.2min
[CV 3/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-461.474, test=-2909.855)
total time= 36.5s
[CV 1/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10
[CV 1/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2530.636, test=-2420.900)
total time= 0.6s
[CV 2/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2563.356, test=-2316.113)
total time= 0.6s
[CV 4/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2494.300, test=-2569.108)
total time= 0.6s
[CV 1/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2444.099, test=-2401.636)
total time= 1.2s
[CV 3/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2376.848, test=-2713.366)
total time= 1.2s
[CV 5/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2363.781, test=-2691.187)
total time= 1.2s
[CV 2/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2311.881, test=-2332.525)
total time= 3.0s
[CV 4/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2199.616, test=-2591.118)
total time= 3.0s
[CV 2/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1987.388, test=-2396.267)
total time= 6.1s
[CV 5/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1908.468, test=-2784.953)

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total time= 6.1s
[CV 3/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1470.752, test=-2818.040)
total time= 12.1s
[CV 1/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1285.643, test=-2561.518)
total time= 15.2s
[CV 2/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-744.620, test=-2546.058)
total time= 30.3s
[CV 3/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1441.854, test=-2870.753)
total time= 12.1s
[CV 1/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-681.254, test=-2617.951)
total time= 30.2s
[CV 2/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1542.465, test=-2446.063)
total time= 12.1s
[CV 4/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1273.830, test=-2751.513)
total time= 15.1s
[CV 1/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2531.025, test=-2420.966)
total time= 0.6s
[CV 4/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2494.649, test=-2568.153)
total time= 0.6s
[CV 1/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-540.489, test=-2592.950)

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total time= 29.3s
[CV 3/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-380.021, test=-2899.211)
total time= 37.2s
[CV 2/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2412.385, test=-2366.249)
total time= 1.4s
[CV 4/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2306.040, test=-2592.386)
total time= 1.4s
[CV 1/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2091.023, test=-2452.886)
total time= 2.8s
[CV 3/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1990.990, test=-2752.909)
total time= 2.8s
[CV 5/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2017.971, test=-2718.388)
total time= 2.8s
[CV 3/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1529.682, test=-2785.867)
total time= 7.1s
[CV 1/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1064.053, test=-2522.281)
total time= 14.6s
[CV 4/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-942.652, test=-2724.597)
total time= 14.3s
[CV 5/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 5/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-499.436, test=-2878.984) total time= 29.3s

[CV 3/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500

[CV 3/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-77.573, test=-2922.128) total time= 1.2min

[CV 5/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200

[CV 5/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-441.588, test=-2860.749) total time= 29.4s

[CV 3/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500

[CV 3/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-78.680, test=-2874.058) total time= 1.2min

[CV 5/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200

[CV 5/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-539.934, test=-2826.733) total time= 29.0s

[CV 3/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500

[CV 3/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-121.456, test=-2932.952) total time= 1.2min

[CV 5/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200

[CV 5/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-539.933, test=-2829.481) total time= 28.9s

[CV 3/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500

[CV 3/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-128.763, test=-2942.813) total time= 1.2min

[CV 5/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200

[CV 5/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-539.933, test=-2829.940) total time= 28.9s

[CV 3/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500

[CV 3/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-122.157, test=-2923.187) total time= 1.2min

[CV 5/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 5/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-539.933, test=-2826.905) total time= 28.7s
[CV 3/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 3/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-119.005, test=-2911.386) total time= 1.2min
[CV 1/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 1/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-687.013, test=-2647.908) total time= 30.2s
[CV 5/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 5/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-1891.644, test=-2788.413) total time= 6.1s
[CV 5/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 5/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-1462.972, test=-2846.558) total time= 12.3s
[CV 3/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 3/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-685.290, test=-2959.798) total time= 30.9s
[CV 5/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 5/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-1488.430, test=-2861.496) total time= 12.2s
[CV 3/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 3/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-719.304, test=-2944.752) total time= 30.3s
[CV 5/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 4/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-102.628, test=-2860.830) total time= 1.2min
[CV 2/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 2/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250;; score=(train=-419.046, test=-2490.377)
total time= 36.0s
[CV 5/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-123.178, test=-2855.931)
total time= 1.2min
[CV 3/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-459.779, test=-2902.212)
total time= 36.3s
[CV 1/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2365.459, test=-2451.451)
total time= 1.4s
[CV 2/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2426.206, test=-2356.704)
total time= 1.4s
[CV 3/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2269.786, test=-2759.140)
total time= 1.4s
[CV 5/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2290.770, test=-2724.162)
total time= 1.4s
[CV 2/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2199.314, test=-2339.906)
total time= 2.8s
[CV 4/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2052.115, test=-2608.721)
total time= 2.7s
[CV 1/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1603.197, test=-2494.524)
total time= 7.0s
[CV 4/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50
[CV 4/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1555.209, test=-2667.159)
total time= 7.0s
[CV 2/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1200.606, test=-2420.194)
total time= 14.3s
[CV 5/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1054.160, test=-2781.746)
total time= 14.4s
[CV 1/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-443.934, test=-2632.963)
total time= 36.8s
[CV 4/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-102.628, test=-2860.991)
total time= 1.2min
[CV 4/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-650.343, test=-2827.849)
total time= 30.5s
[CV 2/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1354.600, test=-2481.920)
total time= 15.3s
[CV 5/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-680.911, test=-2900.734)
total time= 30.4s
[CV 5/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1322.855, test=-2868.610)
total time= 15.3s
[CV 3/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2450.607, test=-2737.463)

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total time= 0.6s
[CV 1/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2447.912, test=-2402.999)
total time= 1.2s
[CV 4/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2417.611, test=-2541.935)
total time= 1.2s
[CV 2/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2310.453, test=-2329.787)
total time= 3.0s
[CV 5/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2176.629, test=-2721.765)
total time= 3.1s
[CV 3/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1936.261, test=-2787.533)
total time= 6.1s
[CV 1/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1536.498, test=-2529.093)
total time= 12.2s
[CV 3/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1349.491, test=-2867.906)
total time= 15.2s
[CV 1/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-77.702, test=-2908.070)
total time= 1.2min
[CV 4/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-393.923, test=-2797.666)
total time= 28.9s

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[CV 2/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 2/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-72.098, test=-2441.041)
total time= 1.2min

[CV 4/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 4/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-393.923, test=-2796.867)
total time= 29.0s

[CV 2/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 2/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-72.098, test=-2440.599)
total time= 1.2min

[CV 3/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 3/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-640.320, test=-2906.162)
total time= 29.3s

[CV 1/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 1/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-136.351, test=-2645.595)
total time= 1.2min

[CV 2/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 2/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-594.426, test=-2482.552)
total time= 28.9s

[CV 5/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 5/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-420.954, test=-2835.011)
total time= 36.1s

[CV 5/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 5/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2080.790, test=-2711.543)
total time= 2.8s

[CV 3/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 3/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-1585.463, test=-2779.968)
total time= 7.0s

[CV 1/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 1/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100;; score=(train=-1130.664, test=-2548.717)
total time= 14.2s
[CV 4/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1076.596, test=-2738.697)
total time= 14.1s
[CV 4/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-528.281, test=-2813.989)
total time= 28.5s
[CV 1/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-136.351, test=-2646.421)
total time= 1.2min
[CV 2/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-599.930, test=-2474.552)
total time= 28.9s
[CV 5/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-420.954, test=-2843.580)
total time= 36.2s
[CV 5/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2195.440, test=-2717.805)
total time= 3.1s
[CV 3/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1891.175, test=-2780.102)
total time= 6.1s
[CV 1/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1484.422, test=-2518.275)
total time= 12.2s
[CV 4/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1407.494, test=-2741.486)
total time= 12.2s
[CV 2/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250
[CV 2/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1362.181, test=-2463.443)
total time= 15.2s
[CV 3/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-677.163, test=-2941.565)
total time= 30.5s
[CV 1/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1282.096, test=-2539.433)
total time= 15.2s
[CV 4/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-648.392, test=-2845.162)
total time= 30.6s
[CV 2/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1357.856, test=-2482.279)
total time= 15.3s
[CV 5/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-716.515, test=-2924.515)
total time= 30.6s
[CV 5/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1322.352, test=-2866.275)
total time= 15.2s
[CV 1/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2426.206, test=-2357.135)
total time= 1.4s
[CV 4/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2293.640, test=-2609.330)
total time= 1.4s
[CV 1/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

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[CV 1/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2149.255, test=-2440.312)
total time= 2.8s

[CV 3/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 3/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2032.740, test=-2747.788)
total time= 2.8s

[CV 1/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 1/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1623.164, test=-2492.942)
total time= 7.0s

[CV 4/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 4/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1555.209, test=-2668.008)
total time= 7.0s

[CV 2/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 2/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1200.606, test=-2420.703)
total time= 14.4s

[CV 5/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 5/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1054.160, test=-2782.715)
total time= 14.3s

[CV 1/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-443.934, test=-2632.619)
total time= 36.9s

[CV 4/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-102.628, test=-2864.195)
total time= 1.2min

[CV 2/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-452.507, test=-2485.134)
total time= 36.2s

[CV 5/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 5/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-123.177, test=-2859.455)
total time= 1.2min

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[CV 2/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2309.103, test=-2341.695)
total time= 3.1s
[CV 5/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2188.477, test=-2715.399)
total time= 3.1s
[CV 3/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1891.762, test=-2787.312)
total time= 6.1s
[CV 2/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1548.175, test=-2463.244)
total time= 12.2s
[CV 4/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1233.200, test=-2749.005)
total time= 15.3s
[CV 2/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2564.161, test=-2324.137)
total time= 0.6s
[CV 4/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2494.649, test=-2568.153)
total time= 0.6s
[CV 2/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2491.036, test=-2305.554)
total time= 1.2s
[CV 5/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2364.320, test=-2692.195)
total time= 1.2s
[CV 3/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50;; score=(train=-2187.736, test=-2739.266)
total time= 3.0s
[CV 1/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1953.292, test=-2486.805)
total time= 6.1s
[CV 4/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1901.019, test=-2628.403)
total time= 6.1s
[CV 4/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1439.125, test=-2723.633)
total time= 12.2s
[CV 2/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-749.739, test=-2560.842)
total time= 30.5s
[CV 3/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1520.768, test=-2846.174)
total time= 12.2s
[CV 1/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-759.890, test=-2618.938)
total time= 30.6s
[CV 2/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2479.982, test=-2314.424)
total time= 1.2s
[CV 4/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2411.555, test=-2540.823)
total time= 1.2s
[CV 1/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2232.784, test=-2408.491)
total time= 3.1s
[CV 4/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50
[CV 4/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2197.391, test=-2598.067)
total time= 3.1s
[CV 2/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2010.219, test=-2410.597)
total time= 6.1s
[CV 1/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1493.016, test=-2503.381)
total time= 12.2s
[CV 3/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1275.985, test=-2876.205)
total time= 15.3s
[CV 1/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2531.025, test=-2422.253)
total time= 0.6s
[CV 3/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2450.607, test=-2736.979)
total time= 0.6s
[CV 5/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2450.948, test=-2716.065)
total time= 0.6s
[CV 3/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2383.143, test=-2715.169)
total time= 1.2s
[CV 1/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2230.761, test=-2424.846)
total time= 3.0s
[CV 4/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2212.257, test=-2582.443)

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total time= 3.0s
[CV 2/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2017.875, test=-2416.524)
total time= 6.1s
[CV 5/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1909.557, test=-2774.062)
total time= 6.1s
[CV 1/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1327.702, test=-2561.440)
total time= 15.3s
[CV 4/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-677.626, test=-2826.824)
total time= 30.4s
[CV 2/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1393.117, test=-2488.400)
total time= 15.2s
[CV 5/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-732.225, test=-2923.942)
total time= 30.4s
[CV 3/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1306.741, test=-2891.436)
total time= 15.2s
[CV 1/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2531.404, test=-2424.296)
total time= 0.6s
[CV 2/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2561.216, test=-2319.445)
total time= 0.6s
[CV 3/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

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[CV 3/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2450.859, test=-2743.069)
total time= 0.6s
[CV 4/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2492.335, test=-2569.085)
total time= 0.6s
[CV 5/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2459.152, test=-2700.251)
total time= 0.6s
[CV 2/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2481.414, test=-2314.839)
total time= 1.2s
[CV 5/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2370.545, test=-2663.099)
total time= 1.2s
[CV 3/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2172.387, test=-2752.657)
total time= 3.0s
[CV 1/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1947.502, test=-2482.193)
total time= 6.1s
[CV 5/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1277.147, test=-2871.713)
total time= 15.7s
[CV 1/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2447.912, test=-2403.131)
total time= 1.2s
[CV 4/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2414.416, test=-2541.418)
total time= 1.2s
[CV 2/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

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[CV 2/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2321.291, test=-2349.437)
total time= 3.1s
[CV 5/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2197.227, test=-2718.406)
total time= 3.1s
[CV 3/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1903.087, test=-2806.567)
total time= 6.1s
[CV 1/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1501.021, test=-2542.237)
total time= 12.2s
[CV 3/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1314.636, test=-2873.738)
total time= 15.3s
[CV 2/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2564.161, test=-2325.618)
total time= 0.6s
[CV 5/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2452.652, test=-2716.989)
total time= 0.6s
[CV 3/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2382.883, test=-2710.882)
total time= 1.2s
[CV 1/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2238.980, test=-2430.481)
total time= 3.0s
[CV 4/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2200.931, test=-2577.349)
total time= 3.1s

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[CV 2/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2030.927, test=-2403.533)
total time= 6.1s
[CV 5/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1921.980, test=-2787.531)
total time= 6.1s
[CV 1/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1358.697, test=-2539.954)
total time= 15.3s
[CV 4/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-725.327, test=-2843.892)
total time= 30.5s
[CV 2/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1403.287, test=-2495.813)
total time= 15.2s
[CV 5/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-724.557, test=-2864.100)
total time= 30.4s
[CV 3/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1306.741, test=-2891.655)
total time= 15.2s
[CV 1/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2531.404, test=-2424.800)
total time= 0.6s
[CV 2/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2561.216, test=-2326.110)
total time= 0.6s
[CV 3/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10;; score=(train=-2450.859, test=-2742.403)
total time= 0.6s
[CV 5/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2459.152, test=-2700.251)
total time= 0.6s
[CV 2/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2481.414, test=-2317.277)
total time= 1.2s
[CV 5/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2370.546, test=-2663.633)
total time= 1.2s
[CV 3/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2172.387, test=-2751.401)
total time= 3.1s
[CV 1/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1947.502, test=-2485.633)
total time= 6.1s
[CV 4/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1927.651, test=-2605.355)
total time= 6.1s
[CV 2/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1581.901, test=-2458.489)
total time= 12.2s
[CV 5/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1308.201, test=-2825.238)
total time= 15.2s
[CV 4/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2417.214, test=-2545.135)
total time= 1.2s
[CV 2/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-2318.950, test=-2349.780)
total time= 3.0s
[CV 5/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2192.238, test=-2684.786)
total time= 3.0s
[CV 3/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1901.688, test=-2814.269)
total time= 6.1s
[CV 1/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1490.143, test=-2548.875)
total time= 12.1s
[CV 4/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1281.547, test=-2758.201)
total time= 15.2s
[CV 4/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2492.335, test=-2569.085)
total time= 0.6s
[CV 1/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2445.435, test=-2410.079)
total time= 1.2s
[CV 4/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2417.214, test=-2544.980)
total time= 1.2s
[CV 2/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2318.950, test=-2353.115)
total time= 3.1s
[CV 5/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2192.238, test=-2684.694)
total time= 3.1s
[CV 3/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 3/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1901.688, test=-2812.383)
total time= 6.1s
[CV 1/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1490.143, test=-2553.390)
total time= 12.2s
[CV 4/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1281.547, test=-2760.551)
total time= 15.2s
[CV 2/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2561.216, test=-2324.917)
total time= 0.6s
[CV 4/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2492.335, test=-2569.085)
total time= 0.6s
[CV 1/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2445.435, test=-2410.307)
total time= 1.2s
[CV 4/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2417.214, test=-2544.980)
total time= 1.2s
[CV 2/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2323.663, test=-2358.479)
total time= 3.0s
[CV 5/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2206.220, test=-2687.138)
total time= 3.0s
[CV 3/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1940.177, test=-2769.228)

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total time= 6.1s
[CV 1/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1511.810, test=-2534.335)
total time= 12.1s
[CV 4/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1320.789, test=-2762.902)
total time= 15.1s
[CV 4/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2490.802, test=-2567.362)
total time= 0.6s
[CV 1/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2446.966, test=-2411.547)
total time= 1.2s
[CV 3/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2385.391, test=-2720.497)
total time= 1.2s
[CV 1/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2246.072, test=-2450.840)
total time= 3.0s
[CV 2/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2491.036, test=-2312.291)
total time= 1.2s
[CV 5/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2365.706, test=-2692.739)
total time= 1.2s
[CV 3/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2203.296, test=-2740.311)
total time= 3.0s
[CV 1/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

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[CV 1/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1981.285, test=-2473.891)
total time= 6.0s

[CV 4/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 4/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1932.315, test=-2619.622)
total time= 6.0s

[CV 4/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 4/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1471.808, test=-2734.708)
total time= 12.1s

[CV 2/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 2/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-788.693, test=-2604.729)
total time= 30.4s

[CV 3/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 3/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1481.829, test=-2871.188)
total time= 12.1s

[CV 1/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 1/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-729.419, test=-2634.519)
total time= 30.3s

[CV 2/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 2/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1581.901, test=-2453.395)
total time= 12.2s

[CV 5/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 5/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1308.201, test=-2829.283)
total time= 15.2s

[CV 3/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 3/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2378.828, test=-2718.519)
total time= 1.2s

[CV 1/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 1/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2237.847, test=-2429.245)
total time= 3.0s

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[CV 4/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2212.563, test=-2578.687)
total time= 3.0s
[CV 2/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2038.856, test=-2398.149)
total time= 6.1s
[CV 5/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1912.712, test=-2742.336)
total time= 6.0s
[CV 1/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1320.586, test=-2570.402)
total time= 15.1s
[CV 4/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-702.601, test=-2838.309)
total time= 30.5s
[CV 2/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1425.501, test=-2441.118)
total time= 15.2s
[CV 5/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-749.587, test=-2902.042)
total time= 30.4s
[CV 3/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1399.848, test=-2938.625)
total time= 15.1s
[CV 1/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2529.551, test=-2425.791)
total time= 0.6s
[CV 2/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10;; score=(train=-2562.269, test=-2322.790)
total time= 0.6s
[CV 4/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2490.802, test=-2567.362)
total time= 0.6s
[CV 1/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2446.968, test=-2410.763)
total time= 1.2s
[CV 4/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2416.712, test=-2551.592)
total time= 1.2s
[CV 2/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2311.667, test=-2328.510)
total time= 3.0s
[CV 5/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2196.533, test=-2709.666)
total time= 3.0s
[CV 3/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2445.435, test=-2410.247)
total time= 1.2s
[CV 4/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2417.214, test=-2544.980)
total time= 1.2s
[CV 2/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2318.950, test=-2350.267)
total time= 3.0s
[CV 5/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2192.238, test=-2686.151)
total time= 3.1s
[CV 3/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 3/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1901.688, test=-2811.901)
total time= 6.0s
[CV 1/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1490.143, test=-2550.186)
total time= 12.1s
[CV 4/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1281.547, test=-2762.154)
total time= 15.0s
[CV 1/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2445.435, test=-2410.004)
total time= 1.2s
[CV 3/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2378.828, test=-2719.561)
total time= 1.2s
[CV 1/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2237.847, test=-2428.458)
total time= 3.0s
[CV 4/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2212.563, test=-2580.109)
total time= 3.0s
[CV 2/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2038.856, test=-2388.912)
total time= 6.0s
[CV 5/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1912.707, test=-2742.212)
total time= 6.0s
[CV 1/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1320.586, test=-2568.989)

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total time= 15.1s
[CV 4/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-702.601, test=-2832.621)
total time= 30.3s
[CV 2/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1403.287, test=-2487.473)
total time= 15.2s
[CV 5/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-741.872, test=-2862.056)
total time= 30.3s
[CV 3/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1330.154, test=-2892.632)
total time= 15.0s
[CV 1/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2529.551, test=-2425.246)
total time= 0.6s
[CV 2/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2562.269, test=-2323.187)
total time= 0.6s
[CV 3/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2453.580, test=-2741.978)
total time= 0.6s
[CV 5/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2462.771, test=-2700.778)
total time= 0.6s
[CV 2/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2481.894, test=-2300.767)
total time= 1.2s
[CV 5/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 5/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2383.509, test=-2675.008)
total time= 1.2s
[CV 3/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2203.256, test=-2751.915)
total time= 3.0s
[CV 1/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1994.100, test=-2467.561)
total time= 6.0s
[CV 4/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1940.103, test=-2609.502)
total time= 6.0s
[CV 4/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1552.918, test=-2694.381)
total time= 12.4s
[CV 3/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-809.286, test=-3027.295)
total time= 30.2s
[CV 1/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-697.633, test=-2660.209)
total time= 30.3s
[CV 2/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1569.985, test=-2465.541)
total time= 12.1s
[CV 4/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1302.130, test=-2757.728)
total time= 15.2s
[CV 5/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2459.152, test=-2700.251)
total time= 0.6s

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[CV 3/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2378.828, test=-2719.561)
total time= 1.2s
[CV 1/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2237.847, test=-2427.518)
total time= 3.0s
[CV 4/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2212.563, test=-2577.652)
total time= 3.1s
[CV 2/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2038.856, test=-2398.279)
total time= 6.0s
[CV 5/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1912.713, test=-2746.136)
total time= 6.0s
[CV 1/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1320.586, test=-2568.471)
total time= 15.1s
[CV 4/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-702.601, test=-2829.142)
total time= 30.3s
[CV 2/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1403.287, test=-2489.517)
total time= 15.4s
[CV 5/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-727.004, test=-2850.661)
total time= 30.5s
[CV 3/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250;; score=(train=-1306.741, test=-2892.210)
total time= 15.3s
[CV 1/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2531.404, test=-2424.296)
total time= 0.6s
[CV 3/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2450.859, test=-2743.069)
total time= 0.6s
[CV 5/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2460.821, test=-2701.251)
total time= 0.6s
[CV 2/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2481.414, test=-2318.264)
total time= 1.2s
[CV 5/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2375.809, test=-2672.408)
total time= 1.2s
[CV 3/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2178.559, test=-2736.329)
total time= 3.0s
[CV 1/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1950.065, test=-2470.393)
total time= 6.0s
[CV 4/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1940.023, test=-2611.296)
total time= 6.2s
[CV 5/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1477.679, test=-2817.355)
total time= 12.1s
[CV 3/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500
[CV 3/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-755.846, test=-2973.935)
total time= 30.2s
[CV 5/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1491.007, test=-2835.981)
total time= 12.0s
[CV 2/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-847.574, test=-2596.738)
total time= 30.1s
[CV 3/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1563.316, test=-2899.301)
total time= 12.1s
[CV 1/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-828.588, test=-2606.882)
total time= 30.2s
[CV 2/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1485.499, test=-2858.460)
total time= 12.1s
[CV 3/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-765.740, test=-2962.686)
total time= 30.4s
[CV 4/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1471.041, test=-2724.905)
total time= 12.1s
[CV 2/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-771.205, test=-2592.093)
total time= 30.3s
[CV 3/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1481.829, test=-2873.580)

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total time= 12.1s
[CV 1/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-729.419, test=-2637.489)
total time= 30.2s
[CV 2/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1581.901, test=-2458.086)
total time= 12.1s
[CV 5/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1308.200, test=-2825.689)
total time= 15.1s
[CV 3/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2381.245, test=-2718.330)
total time= 1.2s
[CV 1/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2229.452, test=-2435.923)
total time= 3.0s
[CV 4/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2210.076, test=-2572.680)
total time= 3.0s
[CV 2/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2032.922, test=-2380.813)
total time= 6.0s
[CV 5/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1921.997, test=-2741.927)
total time= 5.9s
[CV 1/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1358.851, test=-2558.483)
total time= 15.1s
[CV 4/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 4/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-739.536, test=-2853.744)
total time= 30.1s
[CV 2/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1438.118, test=-2458.382)
total time= 15.0s
[CV 5/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-800.816, test=-2910.453)
total time= 30.3s
[CV 3/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1408.210, test=-2909.953)
total time= 15.1s
[CV 1/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2529.551, test=-2425.743)
total time= 0.6s
[CV 2/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2562.269, test=-2323.809)
total time= 0.6s
[CV 3/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2453.580, test=-2741.978)
total time= 0.6s
[CV 5/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2462.771, test=-2700.778)
total time= 0.6s
[CV 2/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2481.890, test=-2300.179)
total time= 1.2s
[CV 4/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2416.712, test=-2551.592)
total time= 1.2s

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[CV 2/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2311.667, test=-2326.936)
total time= 3.0s
[CV 5/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2196.533, test=-2712.313)
total time= 3.0s
[CV 3/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1949.476, test=-2807.049)
total time= 6.0s
[CV 1/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1582.182, test=-2535.124)
total time= 12.1s
[CV 4/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1380.973, test=-2743.018)
total time= 15.2s
[CV 1/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2531.404, test=-2424.296)
total time= 0.6s
[CV 2/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2561.216, test=-2323.720)
total time= 0.6s
[CV 3/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2450.859, test=-2741.910)
total time= 0.6s
[CV 4/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2492.335, test=-2569.085)
total time= 0.6s
[CV 2/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2481.414, test=-2323.665)
total time= 1.2s

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[CV 5/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2370.545, test=-2664.412)
total time= 1.2s
[CV 3/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2172.387, test=-2749.885)
total time= 3.0s
[CV 1/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1947.502, test=-2484.548)
total time= 6.1s
[CV 4/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1927.651, test=-2605.182)
total time= 6.0s
[CV 5/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1480.733, test=-2816.725)
total time= 12.1s
[CV 3/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-729.506, test=-2973.575)
total time= 30.1s
[CV 5/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1480.736, test=-2812.906)
total time= 12.2s
[CV 3/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-729.506, test=-2972.776)
total time= 30.3s
[CV 4/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1471.041, test=-2717.644)
total time= 12.1s
[CV 2/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500;; score=(train=-771.205, test=-2595.053)
total time= 30.2s
[CV 3/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1511.490, test=-2864.052)
total time= 12.1s
[CV 1/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-767.642, test=-2595.911)
total time= 30.0s
[CV 2/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1613.273, test=-2462.070)
total time= 12.0s
[CV 5/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1349.924, test=-2862.735)
total time= 15.2s
[CV 3/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2385.401, test=-2721.677)
total time= 1.2s
[CV 1/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2246.074, test=-2454.269)
total time= 3.0s
[CV 4/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2202.924, test=-2591.809)
total time= 3.0s
[CV 2/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2034.654, test=-2403.508)
total time= 6.1s
[CV 5/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1908.698, test=-2763.347)
total time= 6.1s
[CV 1/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 1/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1420.449, test=-2544.780)
total time= 15.2s
[CV 4/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-769.313, test=-2856.185)
total time= 30.6s
[CV 2/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1450.337, test=-2500.404)
total time= 15.2s
[CV 5/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-802.927, test=-2907.579)
total time= 30.4s
[CV 3/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1408.210, test=-2912.260)
total time= 15.3s
[CV 4/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1927.651, test=-2604.157)
total time= 6.1s
[CV 4/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1471.041, test=-2717.880)
total time= 12.2s
[CV 2/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-771.205, test=-2596.061)
total time= 30.4s
[CV 3/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1481.829, test=-2873.320)
total time= 12.2s
[CV 1/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-729.419, test=-2631.547)

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total time= 30.2s
[CV 2/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1582.409, test=-2437.432)
total time= 12.1s
[CV 5/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1321.278, test=-2848.054)
total time= 15.1s
[CV 4/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2416.712, test=-2551.228)
total time= 1.2s
[CV 2/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2311.667, test=-2335.029)
total time= 3.0s
[CV 5/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2196.531, test=-2712.001)
total time= 3.0s
[CV 3/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1966.299, test=-2803.413)
total time= 6.0s
[CV 1/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1582.182, test=-2534.706)
total time= 12.2s
[CV 4/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1380.973, test=-2741.202)
total time= 15.2s
[CV 3/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2453.580, test=-2741.978)
total time= 0.6s
[CV 5/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

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[CV 5/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2462.771, test=-2700.563)
total time= 0.6s
[CV 2/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2481.890, test=-2291.915)
total time= 1.2s
[CV 5/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2383.509, test=-2675.006)
total time= 1.2s
[CV 3/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2197.319, test=-2757.374)
total time= 3.0s
[CV 1/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1979.009, test=-2508.015)
total time= 6.0s
[CV 4/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1940.103, test=-2608.962)
total time= 6.1s
[CV 5/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1496.960, test=-2832.979)
total time= 12.1s
[CV 3/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-819.765, test=-3018.403)
total time= 30.2s
[CV 4/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1552.918, test=-2690.875)
total time= 12.2s
[CV 2/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-847.574, test=-2602.972)
total time= 30.4s

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[CV 3/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1563.316, test=-2897.760)
total time= 12.2s
[CV 1/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-826.417, test=-2625.838)
total time= 30.2s
[CV 2/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1651.378, test=-2426.845)
total time= 12.0s
[CV 5/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1409.174, test=-2804.042)
total time= 15.2s
[CV 5/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2202.924, test=-2591.858)
total time= 3.0s
[CV 2/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2034.654, test=-2391.581)
total time= 6.0s
[CV 5/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1908.700, test=-2760.289)
total time= 6.0s
[CV 1/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1420.449, test=-2541.042)
total time= 15.1s
[CV 4/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-769.313, test=-2858.568)
total time= 30.2s
[CV 2/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 2/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1450.337, test=-2496.339)
total time= 15.1s
[CV 5/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-800.813, test=-2908.481)
total time= 30.4s
[CV 3/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1394.289, test=-2927.017)
total time= 15.2s
[CV 1/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2529.551, test=-2425.246)
total time= 0.6s
[CV 2/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2562.269, test=-2316.235)
total time= 0.6s
[CV 4/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2490.802, test=-2567.362)
total time= 0.6s
[CV 1/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2446.966, test=-2410.765)
total time= 1.2s
[CV 4/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2416.712, test=-2551.765)
total time= 1.2s
[CV 2/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2311.667, test=-2325.637)
total time= 3.0s
[CV 5/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2196.533, test=-2709.354)

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total time= 3.0s
[CV 3/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1957.490, test=-2818.743)
total time= 6.0s
[CV 1/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1590.456, test=-2562.689)
total time= 12.2s
[CV 4/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1380.973, test=-2738.815)
total time= 15.1s
[CV 3/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2454.019, test=-2744.222)
total time= 0.6s
[CV 5/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2464.822, test=-2696.692)
total time= 0.7s
[CV 2/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2480.424, test=-2309.659)
total time= 1.3s
[CV 5/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2386.143, test=-2668.519)
total time= 1.2s
[CV 3/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2209.337, test=-2762.296)
total time= 3.0s
[CV 1/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1989.689, test=-2478.102)
total time= 6.0s
[CV 4/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

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[CV 4/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1955.038, test=-2610.802)
total time= 6.0s
[CV 5/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1554.034, test=-2795.189)
total time= 12.0s
[CV 3/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-872.341, test=-2965.490)
total time= 29.9s
[CV 4/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1556.457, test=-2708.969)
total time= 12.0s
[CV 2/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1957.490, test=-2818.265)
total time= 6.0s
[CV 1/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1590.456, test=-2561.640)
total time= 12.1s
[CV 4/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1380.973, test=-2739.507)
total time= 15.1s
[CV 4/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2490.802, test=-2567.362)
total time= 0.6s
[CV 1/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2446.966, test=-2411.222)
total time= 1.2s
[CV 3/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2385.391, test=-2720.497)
total time= 1.2s

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[CV 1/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2247.212, test=-2469.479)
total time= 3.0s
[CV 4/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2202.924, test=-2591.459)
total time= 3.0s
[CV 2/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2034.654, test=-2396.653)
total time= 6.0s
[CV 5/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1908.698, test=-2760.467)
total time= 6.1s
[CV 1/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1420.449, test=-2543.218)
total time= 15.1s
[CV 4/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-769.313, test=-2856.544)
total time= 30.2s
[CV 2/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1438.118, test=-2462.561)
total time= 15.2s
[CV 5/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-795.406, test=-2896.159)
total time= 30.3s
[CV 3/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1423.220, test=-2897.287)
total time= 15.0s
[CV 1/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10;; score=(train=-2531.278, test=-2425.331)
total time= 0.6s
[CV 2/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2562.825, test=-2323.583)
total time= 0.6s
[CV 3/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2454.019, test=-2744.222)
total time= 0.6s
[CV 5/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2464.822, test=-2696.692)
total time= 0.5s
[CV 2/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2480.424, test=-2310.027)
total time= 1.2s
[CV 4/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2418.421, test=-2545.519)
total time= 1.2s
[CV 2/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2325.401, test=-2317.841)
total time= 3.0s
[CV 5/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2193.765, test=-2692.053)
total time= 3.0s
[CV 3/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1958.563, test=-2819.820)
total time= 6.0s
[CV 1/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1583.524, test=-2558.942)
total time= 12.0s
[CV 4/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 4/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1401.220, test=-2770.896)
total time= 15.0s
[CV 3/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2454.019, test=-2744.222)
total time= 0.6s
[CV 5/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2464.822, test=-2696.692)
total time= 0.6s
[CV 2/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2480.424, test=-2311.686)
total time= 1.2s
[CV 4/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1552.918, test=-2691.232)
total time= 12.1s
[CV 2/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-847.574, test=-2599.435)
total time= 30.3s
[CV 3/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1569.762, test=-2908.529)
total time= 12.1s
[CV 1/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-822.435, test=-2614.158)
total time= 30.2s
[CV 2/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1625.803, test=-2437.425)
total time= 12.2s
[CV 5/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1347.278, test=-2854.352)

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total time= 15.1s
[CV 3/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2385.018, test=-2721.316)
total time= 1.2s
[CV 1/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2234.657, test=-2437.359)
total time= 3.0s
[CV 4/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2222.434, test=-2571.642)
total time= 3.0s
[CV 2/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2077.657, test=-2365.948)
total time= 6.1s
[CV 5/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1948.920, test=-2733.604)
total time= 6.1s
[CV 1/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1409.887, test=-2577.408)
total time= 15.2s
[CV 4/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-815.575, test=-2900.503)
total time= 30.3s
[CV 2/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1488.866, test=-2449.254)
total time= 15.1s
[CV 5/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-875.813, test=-2850.820)
total time= 30.3s
[CV 3/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 3/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1423.220, test=-2895.776)
total time= 15.2s
[CV 1/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2531.278, test=-2425.827)
total time= 0.6s
[CV 2/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2562.825, test=-2324.635)
total time= 0.6s
[CV 4/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2488.403, test=-2573.785)
total time= 0.6s
[CV 1/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2450.406, test=-2405.313)
total time= 1.2s
[CV 4/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2418.421, test=-2545.519)
total time= 1.2s
[CV 2/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2325.401, test=-2327.993)
total time= 3.1s
[CV 5/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2193.765, test=-2691.956)
total time= 3.1s
[CV 3/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1958.565, test=-2820.394)
total time= 6.1s
[CV 1/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1570.644, test=-2534.706)
total time= 12.5s

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[CV 4/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1401.220, test=-2769.667)
total time= 16.0s
[CV 2/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2450.595, test=-2338.815)
total time= 1.0s
[CV 4/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2380.130, test=-2590.746)
total time= 1.0s
[CV 2/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2531.278, test=-2425.331)
total time= 0.6s
[CV 2/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2562.825, test=-2317.385)
total time= 0.6s
[CV 4/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2488.403, test=-2573.785)
total time= 0.6s
[CV 1/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2450.395, test=-2406.724)
total time= 1.3s
[CV 4/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2418.421, test=-2545.532)
total time= 1.2s
[CV 2/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2325.401, test=-2325.057)
total time= 3.0s
[CV 5/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 5/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2193.765, test=-2694.379)
total time= 3.0s
[CV 3/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1958.565, test=-2819.795)
total time= 6.0s
[CV 1/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1570.644, test=-2532.114)
total time= 12.0s
[CV 4/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1401.220, test=-2771.122)
total time= 15.1s
[CV 4/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2488.403, test=-2572.443)
total time= 0.7s
[CV 1/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2450.406, test=-2405.456)
total time= 1.2s
[CV 3/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2385.018, test=-2721.316)
total time= 1.1s
[CV 1/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2234.671, test=-2436.704)
total time= 3.0s
[CV 4/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2218.329, test=-2560.254)
total time= 3.0s
[CV 2/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2077.657, test=-2366.679)

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total time= 6.1s
[CV 5/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1948.920, test=-2735.647)
total time= 6.1s
[CV 1/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1419.937, test=-2570.580)
total time= 15.2s
[CV 4/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-815.575, test=-2898.860)
total time= 30.4s
[CV 2/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1488.866, test=-2454.917)
total time= 15.2s
[CV 5/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-875.813, test=-2851.382)
total time= 30.8s
[CV 3/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1420.735, test=-2899.094)
total time= 15.7s
[CV 1/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2407.810, test=-2448.279)
total time= 1.0s
[CV 3/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2343.995, test=-2750.916)
total time= 1.0s
[CV 5/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2336.522, test=-2763.219)
total time= 1.0s
[CV 3/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 3/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2165.117, test=-2723.993)
total time= 2.0s
[CV 1/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1712.274, test=-2501.848)
total time= 5.0s
[CV 4/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1650.270, test=-2640.256)
total time= 5.0s
[CV 2/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1480.735, test=-2814.834)
total time= 12.2s
[CV 3/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-729.506, test=-2969.009)
total time= 30.4s
[CV 4/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1494.858, test=-2711.651)
total time= 12.1s
[CV 2/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-829.825, test=-2556.142)
total time= 30.3s
[CV 3/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1561.324, test=-2887.138)
total time= 12.1s
[CV 1/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-823.020, test=-2631.884)
total time= 30.4s
[CV 2/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200;; score=(train=-1625.803, test=-2431.294)
total time= 12.2s
[CV 5/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1339.120, test=-2847.251)
total time= 15.2s
[CV 5/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2383.509, test=-2675.006)
total time= 1.2s
[CV 3/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2203.256, test=-2753.064)
total time= 3.0s
[CV 1/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1979.009, test=-2508.256)
total time= 6.1s
[CV 4/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1940.103, test=-2610.101)
total time= 6.1s
[CV 5/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1491.005, test=-2834.942)
total time= 12.2s
[CV 3/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-819.765, test=-3015.537)
total time= 30.3s
[CV 4/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1552.918, test=-2695.866)
total time= 12.2s
[CV 2/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-847.574, test=-2596.270)
total time= 30.3s
[CV 3/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200
[CV 3/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1569.681, test=-2871.898)
total time= 12.1s
[CV 1/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-863.342, test=-2635.606)
total time= 30.3s
[CV 2/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1651.378, test=-2423.970)
total time= 12.2s
[CV 5/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1409.174, test=-2807.270)
total time= 15.2s
[CV 5/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2386.143, test=-2667.246)
total time= 1.2s
[CV 3/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2209.336, test=-2762.296)
total time= 3.0s
[CV 1/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1989.689, test=-2476.714)
total time= 6.0s
[CV 4/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1966.032, test=-2601.582)
total time= 6.1s
[CV 5/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1554.034, test=-2799.391)
total time= 12.2s
[CV 3/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-872.341, test=-2963.090)

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total time= 30.5s
[CV 4/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1563.744, test=-2720.613)
total time= 12.4s
[CV 2/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-902.020, test=-2542.117)
total time= 31.5s
[CV 5/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1625.803, test=-2435.688)
total time= 12.1s
[CV 5/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1349.924, test=-2859.822)
total time= 15.2s
[CV 3/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2385.391, test=-2720.497)
total time= 1.2s
[CV 1/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2247.212, test=-2469.596)
total time= 3.0s
[CV 4/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2202.924, test=-2589.384)
total time= 3.0s
[CV 2/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2034.654, test=-2391.875)
total time= 6.1s
[CV 5/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1908.701, test=-2759.488)
total time= 6.0s
[CV 1/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

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[CV 1/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1413.986, test=-2568.936)
total time= 15.1s
[CV 4/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-769.313, test=-2855.265)
total time= 30.0s
[CV 2/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1488.866, test=-2444.370)
total time= 15.1s
[CV 5/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-875.813, test=-2857.164)
total time= 30.2s
[CV 3/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1420.735, test=-2900.134)
total time= 15.0s
[CV 1/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2531.278, test=-2425.827)
total time= 0.6s
[CV 2/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2562.825, test=-2318.522)
total time= 0.6s
[CV 4/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2488.403, test=-2572.443)
total time= 0.6s
[CV 1/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2450.399, test=-2406.748)
total time= 1.2s
[CV 3/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2385.018, test=-2721.316)
total time= 1.2s

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[CV 1/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2234.657, test=-2436.886)
total time= 3.0s
[CV 4/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2222.434, test=-2571.560)
total time= 3.0s
[CV 2/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2077.657, test=-2362.937)
total time= 6.0s
[CV 5/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1948.920, test=-2736.987)
total time= 6.0s
[CV 1/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1409.887, test=-2577.700)
total time= 15.1s
[CV 4/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-815.575, test=-2899.315)
total time= 30.7s
[CV 2/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1488.866, test=-2446.731)
total time= 15.8s
[CV 5/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-875.813, test=-2856.464)
total time= 31.5s
[CV 1/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-373.539, test=-2640.496)
total time= 25.7s
[CV 4/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500;; score=(train=-58.006, test=-2860.217)
total time= 49.7s
[CV 2/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-385.413, test=-2487.555)
total time= 24.7s
[CV 5/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-74.065, test=-3005.971)
total time= 49.3s
[CV 5/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2386.143, test=-2668.527)
total time= 1.2s
[CV 3/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2209.337, test=-2762.426)
total time= 3.0s
[CV 1/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1989.689, test=-2475.153)
total time= 6.0s
[CV 4/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1955.038, test=-2611.041)
total time= 6.0s
[CV 5/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1554.034, test=-2797.254)
total time= 12.1s
[CV 3/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-860.480, test=-2982.676)
total time= 30.2s
[CV 4/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1563.744, test=-2721.593)
total time= 12.1s
[CV 2/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500;; score=(train=-902.020, test=-2542.524)
total time= 30.5s
[CV 3/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1569.682, test=-2869.499)
total time= 12.4s
[CV 1/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-862.522, test=-2601.639)
total time= 31.4s
[CV 4/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1104.874, test=-2704.314)
total time= 10.2s
[CV 2/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-385.602, test=-2512.750)
total time= 25.4s
[CV 5/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-72.840, test=-2910.192)
total time= 49.6s
[CV 3/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-380.764, test=-2918.547)
total time= 24.8s
[CV 1/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2411.778, test=-2440.226)
total time= 1.0s
[CV 2/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2463.587, test=-2349.243)
total time= 1.0s
[CV 3/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2362.263, test=-2740.393)
total time= 1.0s
[CV 4/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10
[CV 4/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2382.706, test=-2581.433)
total time= 1.0s
[CV 1/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2235.950, test=-2431.488)
total time= 2.0s
[CV 3/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2191.580, test=-2714.901)
total time= 2.0s
[CV 5/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2177.271, test=-2725.513)
total time= 2.0s
[CV 3/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1770.962, test=-2742.811)
total time= 4.9s
[CV 1/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1242.215, test=-2507.287)
total time= 9.8s
[CV 4/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1182.153, test=-2753.087)
total time= 9.8s
[CV 2/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-637.942, test=-2500.771)
total time= 19.7s
[CV 5/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-430.899, test=-2931.752)
total time= 24.8s
[CV 5/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2163.401, test=-2733.048)

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total time= 1.9s
[CV 3/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1803.968, test=-2762.825)
total time= 4.9s
[CV 1/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1339.776, test=-2502.570)
total time= 9.8s
[CV 3/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2453.580, test=-2741.978)
total time= 0.6s
[CV 5/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2462.771, test=-2700.563)
total time= 0.6s
[CV 2/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2481.890, test=-2300.643)
total time= 1.2s
[CV 5/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2383.509, test=-2675.016)
total time= 1.2s
[CV 3/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2203.256, test=-2753.064)
total time= 3.0s
[CV 1/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1997.891, test=-2490.787)
total time= 6.0s
[CV 4/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1940.103, test=-2608.084)
total time= 6.1s
[CV 5/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

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[CV 5/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1491.007, test=-2834.888)
total time= 12.1s
[CV 3/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-836.667, test=-3041.192)
total time= 30.4s
[CV 4/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1563.744, test=-2722.563)
total time= 12.1s
[CV 2/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-902.020, test=-2545.567)
total time= 30.3s
[CV 3/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1569.681, test=-2868.754)
total time= 12.1s
[CV 1/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-873.681, test=-2623.045)
total time= 30.2s
[CV 3/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1569.681, test=-2872.544)
total time= 12.1s
[CV 1/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-873.681, test=-2623.990)
total time= 30.6s
[CV 2/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1651.378, test=-2423.758)
total time= 12.6s
[CV 5/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1409.174, test=-2802.249)
total time= 16.1s

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[CV 1/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2205.999, test=-2458.211)
total time= 2.0s
[CV 4/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2157.111, test=-2563.599)
total time= 2.0s
[CV 2/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1851.659, test=-2405.576)
total time= 5.1s
[CV 5/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1713.942, test=-2752.963)
total time= 5.1s
[CV 3/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1163.347, test=-2817.566)
total time= 10.2s
[CV 5/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-551.804, test=-2879.493)
total time= 20.5s
[CV 3/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-63.879, test=-2933.167)
total time= 49.2s
[CV 5/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-556.300, test=-2914.615)
total time= 19.9s
[CV 3/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-64.763, test=-2931.684)
total time= 49.6s
[CV 5/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200;; score=(train=-598.863, test=-2932.721)
total time= 19.8s
[CV 3/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-105.437, test=-2911.897)
total time= 49.4s
[CV 5/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2418.421, test=-2545.519)
total time= 1.2s
[CV 2/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2325.401, test=-2331.472)
total time= 3.0s
[CV 5/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2193.765, test=-2691.953)
total time= 3.0s
[CV 3/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1958.563, test=-2820.527)
total time= 6.0s
[CV 1/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1570.644, test=-2534.016)
total time= 12.1s
[CV 4/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1401.220, test=-2770.181)
total time= 15.4s
[CV 3/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2454.019, test=-2744.222)
total time= 0.6s
[CV 5/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2464.822, test=-2696.692)

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total time= 0.6s
[CV 2/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2480.424, test=-2309.318)
total time= 1.2s
[CV 5/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2386.143, test=-2667.255)
total time= 1.2s
[CV 3/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2209.337, test=-2762.426)
total time= 3.1s
[CV 1/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1989.689, test=-2475.737)
total time= 6.1s
[CV 4/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1955.038, test=-2610.160)
total time= 6.1s
[CV 5/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1554.034, test=-2798.398)
total time= 12.5s
[CV 3/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-860.480, test=-2980.615)
total time= 31.7s
[CV 1/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-546.984, test=-2631.234)
total time= 20.6s
[CV 4/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-357.478, test=-2827.290)
total time= 24.8s
[CV 4/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

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[CV 4/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2167.761, test=-2588.444)
total time= 1.9s
[CV 1/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1685.187, test=-2480.665)
total time= 4.9s
[CV 4/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1671.304, test=-2640.369)
total time= 4.9s
[CV 2/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1230.422, test=-2480.563)
total time= 9.8s
[CV 5/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1122.907, test=-2919.068)
total time= 9.8s
[CV 1/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-372.739, test=-2639.518)
total time= 24.8s
[CV 4/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-63.210, test=-2849.382)
total time= 49.7s
[CV 2/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-457.360, test=-2491.840)
total time= 24.5s
[CV 5/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-113.508, test=-2920.221)
total time= 49.4s
[CV 3/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-586.159, test=-2882.079)
total time= 24.6s

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[CV 1/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2418.767, test=-2454.114)
total time= 1.0s
[CV 2/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2230.070, test=-2336.201)
total time= 2.0s
[CV 5/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2150.402, test=-2758.088)
total time= 2.0s
[CV 3/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1709.918, test=-2796.553)
total time= 5.1s
[CV 1/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1186.648, test=-2542.188)
total time= 10.1s
[CV 2/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-578.347, test=-2488.407)
total time= 20.6s
[CV 5/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-373.792, test=-2922.199)
total time= 25.4s
[CV 3/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1701.282, test=-2768.620)
total time= 4.9s
[CV 1/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1149.757, test=-2540.975)
total time= 9.9s
[CV 4/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=100;; score=(train=-1076.552, test=-2728.709)
total time= 9.8s
[CV 2/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-553.526, test=-2472.706)
total time= 19.9s
[CV 5/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-377.987, test=-2905.668)
total time= 24.9s
[CV 2/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1883.195, test=-2400.244)
total time= 4.9s
[CV 5/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1749.704, test=-2816.666)
total time= 4.9s
[CV 3/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1233.946, test=-2787.666)
total time= 9.8s
[CV 1/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-639.812, test=-2579.449)
total time= 19.8s
[CV 3/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-482.260, test=-2880.837)
total time= 24.8s
[CV 1/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2409.183, test=-2455.529)
total time= 1.0s
[CV 3/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2376.252, test=-2737.388)
total time= 1.0s
[CV 5/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=10
[CV 5/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2354.280, test=-2740.913)
total time= 1.0s
[CV 2/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2305.663, test=-2351.872)
total time= 1.9s
[CV 4/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2191.730, test=-2571.395)
total time= 1.9s
[CV 2/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1907.216, test=-2384.633)
total time= 4.8s
[CV 5/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1754.629, test=-2791.997)
total time= 4.8s
[CV 3/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1315.522, test=-2836.496)
total time= 9.8s
[CV 1/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-742.059, test=-2574.963)
total time= 19.6s
[CV 4/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-476.031, test=-2819.892)
total time= 24.4s
[CV 4/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2386.163, test=-2591.237)
total time= 1.0s
[CV 1/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2231.344, test=-2462.107)

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total time= 1.9s
[CV 3/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2171.786, test=-2736.763)
total time= 1.9s
[CV 5/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1140.176, test=-2833.500)
total time= 10.2s
[CV 3/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-372.867, test=-2895.410)
total time= 25.3s
[CV 1/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2395.447, test=-2453.431)
total time= 1.0s
[CV 2/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2451.428, test=-2343.162)
total time= 1.0s
[CV 3/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2344.184, test=-2752.279)
total time= 1.0s
[CV 4/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2380.408, test=-2597.700)
total time= 1.0s
[CV 5/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2336.695, test=-2761.748)
total time= 1.0s
[CV 1/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2199.835, test=-2444.048)
total time= 1.9s
[CV 2/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2245.099, test=-2343.710)

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total time= 2.0s
[CV 3/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2161.381, test=-2738.004)
total time= 1.9s
[CV 5/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2161.375, test=-2765.620)
total time= 1.9s
[CV 2/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1839.331, test=-2408.568)
total time= 5.0s
[CV 5/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1716.850, test=-2824.649)
total time= 4.7s
[CV 3/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1171.029, test=-2827.317)
total time= 9.8s
[CV 1/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-539.991, test=-2613.773)
total time= 19.6s
[CV 4/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-360.282, test=-2829.769)
total time= 25.0s
[CV 5/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2358.618, test=-2737.243)
total time= 1.0s
[CV 2/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2285.062, test=-2343.287)
total time= 2.0s
[CV 4/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

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[CV 4/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2187.203, test=-2570.420)
total time= 2.0s
[CV 1/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1817.944, test=-2461.593)
total time= 4.9s
[CV 4/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1723.189, test=-2647.772)
total time= 4.9s
[CV 2/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1320.297, test=-2453.818)
total time= 9.8s
[CV 5/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1215.099, test=-2868.480)
total time= 9.8s
[CV 1/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-452.559, test=-2608.612)
total time= 24.6s
[CV 4/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-82.063, test=-2857.695)
total time= 49.4s
[CV 2/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-538.277, test=-2526.555)
total time= 24.3s
[CV 5/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-131.283, test=-2941.141)
total time= 49.9s
[CV 3/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-505.615, test=-2914.101)
total time= 24.6s

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[CV 1/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2418.767, test=-2454.674)
total time= 1.0s
[CV 4/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-403.465, test=-2835.420)
total time= 24.6s
[CV 2/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2481.790, test=-2338.396)
total time= 1.0s
[CV 4/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2388.303, test=-2587.422)
total time= 1.0s
[CV 1/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2229.924, test=-2429.640)
total time= 2.0s
[CV 3/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2201.373, test=-2714.125)
total time= 1.9s
[CV 1/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1847.799, test=-2451.338)
total time= 4.8s
[CV 4/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1743.818, test=-2640.486)
total time= 4.9s
[CV 2/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1362.745, test=-2451.876)
total time= 9.8s
[CV 5/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100;; score=(train=-1284.458, test=-2833.594)
total time= 9.9s
[CV 1/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-547.365, test=-2590.907)
total time= 24.7s
[CV 4/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-123.080, test=-2848.399)
total time= 49.0s
[CV 2/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-507.245, test=-2486.003)
total time= 24.4s
[CV 5/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-137.479, test=-2919.753)
total time= 49.2s
[CV 3/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-486.196, test=-2931.108)
total time= 24.5s
[CV 1/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2418.767, test=-2453.540)
total time= 0.9s
[CV 2/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2474.695, test=-2329.278)
total time= 1.0s
[CV 4/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2386.163, test=-2591.237)
total time= 1.0s
[CV 1/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2220.504, test=-2454.854)
total time= 1.9s
[CV 3/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=20
[CV 3/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2171.786, test=-2736.971)
total time= 1.9s
[CV 1/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1758.931, test=-2480.327)
total time= 4.8s
[CV 4/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1724.316, test=-2671.919)
total time= 4.8s
[CV 2/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1341.039, test=-2437.036)
total time= 9.8s
[CV 1/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-651.468, test=-2632.325)
total time= 19.5s
[CV 4/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-427.118, test=-2852.104)
total time= 23.5s
[CV 1/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2427.705, test=-2444.205)
total time= 1.0s
[CV 3/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2339.243, test=-2743.910)
total time= 0.9s
[CV 5/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2351.766, test=-2706.579)
total time= 0.9s
[CV 2/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2309.074, test=-2322.643)

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total time= 1.9s
[CV 4/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-902.020, test=-2546.736)
total time= 29.9s
[CV 2/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1651.378, test=-2421.080)
total time= 12.0s
[CV 5/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1409.174, test=-2805.212)
total time= 15.1s
[CV 3/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2385.018, test=-2721.316)
total time= 1.2s
[CV 1/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2234.671, test=-2435.632)
total time= 3.0s
[CV 4/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2222.434, test=-2572.373)
total time= 3.0s
[CV 2/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2077.657, test=-2364.439)
total time= 6.1s
[CV 5/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1948.920, test=-2737.160)
total time= 6.2s
[CV 1/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1419.937, test=-2574.781)
total time= 15.6s
[CV 4/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

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[CV 4/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-827.523, test=-2866.734)
total time= 31.6s

[CV 3/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 3/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-553.259, test=-2873.718)
total time= 20.7s

[CV 2/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 2/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-62.962, test=-2548.726)
total time= 49.1s

[CV 3/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 3/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-554.602, test=-2905.497)
total time= 19.8s

[CV 2/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 2/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-64.466, test=-2497.552)
total time= 49.4s

[CV 4/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 4/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-578.031, test=-2813.891)
total time= 19.7s

[CV 2/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-96.028, test=-2526.873)
total time= 49.3s

[CV 3/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 3/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-773.049, test=-2867.764)
total time= 19.6s

[CV 1/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-138.972, test=-2617.625)
total time= 49.0s

[CV 2/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 2/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-705.039, test=-2465.767)
total time= 19.6s

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[CV 5/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-499.212, test=-2889.046)
total time= 24.5s
[CV 5/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2173.046, test=-2691.962)
total time= 1.9s
[CV 3/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1770.473, test=-2786.161)
total time= 4.9s
[CV 1/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1249.452, test=-2559.151)
total time= 9.7s
[CV 4/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1166.978, test=-2761.290)
total time= 9.7s
[CV 4/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-575.807, test=-2834.115)
total time= 19.4s
[CV 2/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-115.490, test=-2533.945)
total time= 48.6s
[CV 2/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-705.039, test=-2457.742)
total time= 19.4s
[CV 5/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-491.871, test=-2878.023)
total time= 24.6s
[CV 5/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20;; score=(train=-2181.609, test=-2689.206)
total time= 1.9s
[CV 2/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2474.695, test=-2331.683)
total time= 0.9s
[CV 3/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2334.215, test=-2743.629)
total time= 1.0s
[CV 5/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2343.495, test=-2701.375)
total time= 1.0s
[CV 2/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2304.582, test=-2319.641)
total time= 1.9s
[CV 4/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2186.544, test=-2590.324)
total time= 1.9s
[CV 2/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1913.402, test=-2378.149)
total time= 4.8s
[CV 5/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1722.555, test=-2759.452)
total time= 4.8s
[CV 3/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1297.093, test=-2822.686)
total time= 9.8s
[CV 1/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-632.016, test=-2592.276)
total time= 19.4s
[CV 4/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250;; score=(train=-427.118, test=-2852.332)
total time= 24.4s
[CV 3/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2334.215, test=-2744.238)
total time= 0.9s
[CV 5/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2343.495, test=-2702.866)
total time= 1.0s
[CV 2/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2304.569, test=-2319.784)
total time= 1.9s
[CV 4/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2186.544, test=-2586.647)
total time= 1.9s
[CV 2/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1921.668, test=-2383.273)
total time= 4.9s
[CV 5/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1754.147, test=-2789.342)
total time= 4.8s
[CV 3/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1297.093, test=-2817.615)
total time= 9.7s
[CV 1/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-637.626, test=-2635.925)
total time= 19.4s
[CV 4/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-427.118, test=-2865.545)
total time= 24.3s
[CV 3/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10
[CV 3/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2334.215, test=-2742.367)
total time= 1.0s
[CV 5/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2343.495, test=-2702.046)
total time= 1.0s
[CV 2/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2304.582, test=-2317.426)
total time= 1.9s
[CV 4/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2186.544, test=-2588.744)
total time= 1.9s
[CV 2/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1913.402, test=-2381.156)
total time= 4.8s
[CV 5/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1754.154, test=-2785.383)
total time= 4.8s
[CV 3/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1242.432, test=-2849.488)
total time= 9.7s
[CV 5/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1215.296, test=-2859.133)
total time= 9.6s
[CV 1/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-483.078, test=-2625.301)
total time= 24.2s
[CV 4/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-97.548, test=-2883.027)

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total time= 49.2s
[CV 1/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1806.015, test=-2509.567)
total time= 4.9s
[CV 4/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1724.316, test=-2673.934)
total time= 4.8s
[CV 2/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1341.039, test=-2434.024)
total time= 9.8s
[CV 5/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1203.527, test=-2832.842)
total time= 9.7s
[CV 1/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-483.078, test=-2629.057)
total time= 24.5s
[CV 4/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-97.548, test=-2889.081)
total time= 49.2s
[CV 2/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-507.245, test=-2477.263)
total time= 24.5s
[CV 5/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-119.539, test=-2924.741)
total time= 49.1s
[CV 3/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-468.664, test=-2967.797)
total time= 24.9s
[CV 2/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

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[CV 2/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2487.432, test=-2329.175)
total time= 1.0s
[CV 4/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2390.645, test=-2592.884)
total time= 1.0s
[CV 1/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2251.469, test=-2426.336)
total time= 1.9s
[CV 3/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2171.026, test=-2725.371)
total time= 1.9s
[CV 1/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1827.763, test=-2448.413)
total time= 5.1s
[CV 4/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1791.493, test=-2663.367)
total time= 5.1s
[CV 2/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1399.029, test=-2409.860)
total time= 9.8s
[CV 5/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1257.012, test=-2841.658)
total time= 9.8s
[CV 1/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-556.761, test=-2595.622)
total time= 24.6s
[CV 4/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-135.970, test=-2884.372)
total time= 48.9s

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[CV 2/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250
 [CV 2/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250;; score=(train=-595.856, test=-2483.203)
 total time= 24.2s
 [CV 5/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500
 [CV 5/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500;; score=(train=-188.295, test=-2925.209)
 total time= 48.0s
 [CV 3/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=250
 [CV 3/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=250;; score=(train=-625.981, test=-2958.795)
 total time= 24.0s
 [CV 1/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 1/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2439.474, test=-2425.646)
 total time= 1.0s
 [CV 2/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 2/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2480.916, test=-2326.463)
 total time= 0.9s
 [CV 3/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 3/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2353.205, test=-2744.021)
 total time= 0.9s
 [CV 4/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 4/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2392.825, test=-2555.464)
 total time= 0.9s
 [CV 1/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20
 [CV 1/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20;; score=(train=-2257.893, test=-2427.092)
 total time= 1.9s
 [CV 3/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20
 [CV 3/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20;; score=(train=-2203.945, test=-2732.306)
 total time= 1.9s
 [CV 1/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50
 [CV 2/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100;; score=(train=-1209.941, test=-2469.028)
total time= 10.1s
[CV 4/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-504.322, test=-2760.055)
total time= 20.4s
[CV 1/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-63.062, test=-2650.301)
total time= 49.5s
[CV 4/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-516.038, test=-2794.960)
total time= 19.3s
[CV 1/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-72.067, test=-2650.376)
total time= 49.3s
[CV 3/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-660.527, test=-2855.571)
total time= 19.7s
[CV 1/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-88.899, test=-2626.531)
total time= 49.2s
[CV 2/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-713.510, test=-2502.135)
total time= 19.6s
[CV 5/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-520.795, test=-2916.701)
total time= 24.5s
[CV 5/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2173.046, test=-2695.455)
total time= 1.9s
[CV 3/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=50
[CV 3/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1770.472, test=-2789.080)
total time= 4.8s
[CV 1/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1243.125, test=-2577.272)
total time= 9.8s
[CV 4/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1166.978, test=-2759.966)
total time= 9.7s
[CV 3/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-697.517, test=-2900.781)
total time= 19.6s
[CV 1/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-119.008, test=-2645.313)
total time= 49.2s
[CV 2/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-695.020, test=-2493.094)
total time= 19.6s
[CV 5/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-464.251, test=-2896.615)
total time= 24.5s
[CV 5/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2173.047, test=-2685.989)
total time= 1.9s
[CV 3/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1770.472, test=-2786.062)
total time= 4.8s
[CV 1/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1234.286, test=-2556.768)

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total time= 9.8s
[CV 4/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1166.978, test=-2766.105)
total time= 9.8s
[CV 5/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-654.162, test=-2867.276)
total time= 19.5s
[CV 3/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-113.823, test=-2963.059)
total time= 49.4s
[CV 5/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-699.618, test=-2871.740)
total time= 19.5s
[CV 3/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-155.688, test=-2964.703)
total time= 49.4s
[CV 5/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-747.156, test=-2874.682)
total time= 19.6s
[CV 3/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-210.999, test=-2973.880)
total time= 49.3s
[CV 5/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-811.138, test=-2888.691)
total time= 19.4s
[CV 3/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-210.999, test=-2969.912)
total time= 48.5s
[CV 2/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

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[CV 2/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2474.695, test=-2327.723)
total time= 1.0s
[CV 4/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2386.163, test=-2592.415)
total time= 1.0s
[CV 1/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2231.344, test=-2458.224)
total time= 1.9s
[CV 3/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2171.786, test=-2734.330)
total time= 1.9s
[CV 1/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1793.663, test=-2518.400)
total time= 4.9s
[CV 4/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1724.316, test=-2672.385)
total time= 4.9s
[CV 2/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1337.752, test=-2448.540)
total time= 9.8s
[CV 5/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1178.440, test=-2832.304)
total time= 9.8s
[CV 1/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-483.078, test=-2637.088)
total time= 24.5s
[CV 4/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-97.548, test=-2888.799)
total time= 49.1s

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[CV 2/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-507.245, test=-2479.613)
total time= 24.5s
[CV 5/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-116.009, test=-2923.144)
total time= 49.1s
[CV 3/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-558.538, test=-2921.233)
total time= 24.4s
[CV 1/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2439.474, test=-2426.003)
total time= 1.0s
[CV 2/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2480.916, test=-2329.773)
total time= 1.0s
[CV 4/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2392.825, test=-2555.464)
total time= 0.9s
[CV 1/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2257.885, test=-2428.854)
total time= 1.9s
[CV 3/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2203.945, test=-2735.412)
total time= 1.9s
[CV 1/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1826.952, test=-2468.582)
total time= 4.8s
[CV 4/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50;; score=(train=-1771.227, test=-2614.237)
total time= 4.8s
[CV 2/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1380.596, test=-2385.453)
total time= 9.6s
[CV 5/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1267.150, test=-2806.378)
total time= 9.6s
[CV 1/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-614.272, test=-2557.166)
total time= 24.1s
[CV 4/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-176.535, test=-2918.899)
total time= 48.4s
[CV 2/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-620.933, test=-2505.009)
total time= 24.2s
[CV 5/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-188.295, test=-2923.817)
total time= 49.1s
[CV 3/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-657.982, test=-2932.408)
total time= 24.3s
[CV 1/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2439.474, test=-2427.097)
total time= 1.0s
[CV 2/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2480.916, test=-2327.192)
total time= 1.0s
[CV 4/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20;; score=(train=-2200.586, test=-2598.379)
total time= 1.9s
[CV 2/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1933.642, test=-2388.985)
total time= 4.9s
[CV 5/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1729.112, test=-2741.511)
total time= 4.9s
[CV 3/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1331.457, test=-2830.526)
total time= 9.8s
[CV 1/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-731.932, test=-2579.036)
total time= 19.6s
[CV 4/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-524.199, test=-2852.173)
total time= 24.7s
[CV 3/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2353.205, test=-2745.161)
total time= 1.0s
[CV 5/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2349.692, test=-2708.321)
total time= 1.0s
[CV 2/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2298.847, test=-2304.200)
total time= 1.9s
[CV 4/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2197.656, test=-2554.008)
total time= 1.9s
[CV 2/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50
[CV 2/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1894.714, test=-2346.141)
total time= 4.9s
[CV 5/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1745.006, test=-2769.444)
total time= 4.8s
[CV 3/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1421.977, test=-2860.261)
total time= 9.7s
[CV 1/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-827.313, test=-2556.573)
total time= 19.5s
[CV 4/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-582.764, test=-2861.036)
total time= 24.4s
[CV 3/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2353.205, test=-2744.193)
total time= 0.9s
[CV 5/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2349.692, test=-2708.464)
total time= 1.0s
[CV 2/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2298.847, test=-2308.484)
total time= 1.9s
[CV 5/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2173.796, test=-2702.030)
total time= 1.9s
[CV 3/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1849.312, test=-2776.886)

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total time= 4.8s
[CV 1/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1340.924, test=-2510.621)
total time= 9.6s
[CV 4/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1299.926, test=-2714.147)
total time= 9.6s
[CV 4/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-735.973, test=-2830.693)
total time= 19.3s
[CV 2/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-184.410, test=-2530.138)
total time= 48.3s
[CV 2/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-803.482, test=-2479.885)
total time= 19.3s
[CV 5/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-605.862, test=-2896.969)
total time= 24.3s
[CV 5/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2173.796, test=-2700.024)
total time= 1.9s
[CV 3/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1849.306, test=-2778.923)
total time= 4.8s
[CV 1/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1326.833, test=-2475.424)
total time= 9.7s
[CV 5/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-710.939, test=-2897.994)

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total time= 19.7s
[CV 3/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-140.781, test=-2929.834)
total time= 49.4s
[CV 5/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-661.194, test=-2871.079)
total time= 19.5s
[CV 3/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-113.823, test=-2958.838)
total time= 48.6s
[CV 5/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-637.211, test=-2898.082)
total time= 19.4s
[CV 3/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-125.794, test=-2945.447)
total time= 48.9s
[CV 4/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-575.807, test=-2844.391)
total time= 19.5s
[CV 2/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-115.490, test=-2531.060)
total time= 49.0s
[CV 3/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-692.928, test=-2870.619)
total time= 19.4s
[CV 1/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-157.951, test=-2586.851)
total time= 49.3s
[CV 3/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

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[CV 3/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-817.677, test=-2940.249)
total time= 19.5s
[CV 1/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-206.540, test=-2552.370)
total time= 48.5s
[CV 2/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-830.440, test=-2485.159)
total time= 19.5s
[CV 5/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-594.688, test=-2875.262)
total time= 24.3s
[CV 4/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2197.656, test=-2555.013)
total time= 1.9s
[CV 2/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1894.714, test=-2335.947)
total time= 4.8s
[CV 5/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1745.006, test=-2769.132)
total time= 4.8s
[CV 3/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1421.952, test=-2862.973)
total time= 9.9s
[CV 1/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-782.200, test=-2519.648)
total time= 19.3s
[CV 4/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-582.764, test=-2854.397)
total time= 24.1s

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[CV 3/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2353.205, test=-2745.757)
total time= 0.9s
[CV 5/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2349.692, test=-2708.225)
total time= 0.9s
[CV 2/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2298.847, test=-2303.165)
total time= 1.9s
[CV 4/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2197.656, test=-2555.168)
total time= 1.9s
[CV 2/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1894.714, test=-2337.943)
total time= 4.8s
[CV 5/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1745.005, test=-2770.950)
total time= 4.8s
[CV 3/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1421.952, test=-2866.083)
total time= 9.8s
[CV 1/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-786.875, test=-2522.370)
total time= 19.4s
[CV 4/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-582.764, test=-2859.177)
total time= 24.3s
[CV 4/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100;; score=(train=-1204.272, test=-2700.483)
total time= 9.8s
[CV 4/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-639.123, test=-2798.919)
total time= 19.6s
[CV 2/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-133.758, test=-2576.847)
total time= 49.2s
[CV 4/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-575.807, test=-2837.093)
total time= 19.5s
[CV 2/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-115.490, test=-2533.034)
total time= 49.3s
[CV 3/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-697.518, test=-2902.722)
total time= 19.5s
[CV 1/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-118.637, test=-2647.343)
total time= 48.9s
[CV 3/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-638.768, test=-2938.894)
total time= 19.5s
[CV 1/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-122.405, test=-2622.283)
total time= 49.3s
[CV 2/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-771.531, test=-2464.685)
total time= 19.5s
[CV 5/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250
[CV 5/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-551.289, test=-2885.468)
total time= 24.8s
[CV 5/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2173.795, test=-2699.792)
total time= 1.9s
[CV 3/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1849.312, test=-2779.985)
total time= 4.9s
[CV 1/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1356.837, test=-2496.751)
total time= 9.7s
[CV 4/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1299.926, test=-2710.746)
total time= 9.7s
[CV 4/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-735.973, test=-2828.899)
total time= 19.5s
[CV 2/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-184.410, test=-2536.593)
total time= 49.1s
[CV 3/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-817.677, test=-2941.986)
total time= 19.4s
[CV 1/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-191.511, test=-2603.878)
total time= 48.7s
[CV 3/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-854.199, test=-2919.800)

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total time= 19.9s
[CV 2/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-184.410, test=-2531.864)
total time= 48.4s
[CV 2/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-784.298, test=-2458.389)
total time= 19.3s
[CV 5/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-605.862, test=-2897.703)
total time= 24.3s
[CV 5/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2218.728, test=-2703.613)
total time= 1.9s
[CV 3/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1862.169, test=-2769.045)
total time= 4.8s
[CV 1/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1391.744, test=-2502.779)
total time= 9.6s
[CV 4/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1406.321, test=-2738.149)
total time= 9.6s
[CV 5/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-853.586, test=-2844.013)
total time= 19.2s
[CV 3/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1761.978, test=-2781.143)
total time= 4.9s

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[CV 1/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1309.329, test=-2504.568)
total time= 9.9s
[CV 4/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1256.695, test=-2732.883)
total time= 9.8s
[CV 4/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-681.327, test=-2825.609)
total time= 19.5s
[CV 2/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-168.583, test=-2534.515)
total time= 48.0s
[CV 2/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-784.298, test=-2461.514)
total time= 19.2s
[CV 5/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-605.862, test=-2898.369)
total time= 24.2s
[CV 3/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2203.945, test=-2734.435)
total time= 1.9s
[CV 1/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1837.069, test=-2451.429)
total time= 4.8s
[CV 4/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1771.227, test=-2617.212)
total time= 4.8s
[CV 2/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100;; score=(train=-1440.876, test=-2405.321)
total time= 9.7s
[CV 5/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1271.221, test=-2807.313)
total time= 9.7s
[CV 1/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-631.929, test=-2628.997)
total time= 24.1s
[CV 4/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-176.535, test=-2919.816)
total time= 48.6s
[CV 2/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-620.933, test=-2507.885)
total time= 24.1s
[CV 5/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-188.295, test=-2924.116)
total time= 48.5s
[CV 3/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-625.981, test=-2959.346)
total time= 24.3s
[CV 1/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2448.914, test=-2427.747)
total time= 1.0s
[CV 2/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2480.860, test=-2322.245)
total time= 1.0s
[CV 4/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2399.409, test=-2590.382)
total time= 1.0s
[CV 1/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20
[CV 1/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2271.598, test=-2395.987)
total time= 1.9s
[CV 3/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2213.711, test=-2741.147)
total time= 1.9s
[CV 1/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1857.691, test=-2459.212)
total time= 4.8s
[CV 4/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1848.993, test=-2647.992)
total time= 4.8s
[CV 2/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1471.535, test=-2411.060)
total time= 9.6s
[CV 5/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1327.813, test=-2792.650)
total time= 9.6s
[CV 1/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-711.462, test=-2595.714)
total time= 24.1s
[CV 4/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-222.309, test=-2968.138)
total time= 48.2s
[CV 2/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-589.661, test=-2503.656)
total time= 24.7s
[CV 5/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 5/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-167.267, test=-2893.534)
total time= 49.3s
[CV 3/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-665.979, test=-2940.428)
total time= 24.4s
[CV 1/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2439.474, test=-2426.757)
total time= 1.0s
[CV 2/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2480.916, test=-2327.100)
total time= 1.0s
[CV 4/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2392.825, test=-2555.464)
total time= 1.0s
[CV 1/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2257.889, test=-2427.464)
total time= 1.9s
[CV 4/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2197.656, test=-2553.169)
total time= 1.9s
[CV 2/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1894.714, test=-2344.289)
total time= 4.9s
[CV 5/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1758.532, test=-2759.002)
total time= 4.8s
[CV 3/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1421.952, test=-2866.566)
total time= 9.8s

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[CV 1/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=200
 [CV 1/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=200;; score=(train=-822.189, test=-2565.149)
 total time= 19.6s
 [CV 4/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=250
 [CV 4/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=250;; score=(train=-582.764, test=-2861.535)
 total time= 24.4s
 [CV 5/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 5/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2349.692, test=-2708.349)
 total time= 1.0s
 [CV 2/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20
 [CV 2/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20;; score=(train=-2298.847, test=-2307.112)
 total time= 1.9s
 [CV 5/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20
 [CV 5/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20;; score=(train=-2173.795, test=-2699.847)
 total time= 1.9s
 [CV 3/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50
 [CV 3/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50;; score=(train=-1849.313, test=-2776.147)
 total time= 4.9s
 [CV 1/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=100
 [CV 1/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=100;; score=(train=-1326.833, test=-2484.538)
 total time= 9.9s
 [CV 4/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=100
 [CV 4/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=100;; score=(train=-1299.926, test=-2713.943)
 total time= 9.9s
 [CV 5/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200
 [CV 5/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200;; score=(train=-761.784, test=-2886.559)
 total time= 19.8s
 [CV 3/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=500
 [CV 3/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500;; score=(train=-195.654, test=-2986.038)
total time= 48.3s
[CV 4/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-735.973, test=-2829.760)
total time= 19.4s
[CV 2/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-180.032, test=-2542.079)
total time= 48.8s
[CV 3/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-918.029, test=-2878.870)
total time= 19.4s
[CV 2/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-242.697, test=-2517.442)
total time= 48.4s
[CV 2/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-914.046, test=-2504.135)
total time= 19.4s
[CV 1/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-276.828, test=-2621.587)
total time= 48.7s
[CV 3/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-918.029, test=-2880.770)
total time= 19.3s
[CV 1/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1840.376, test=-2444.515)
total time= 4.8s
[CV 4/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1771.227, test=-2619.195)
total time= 4.8s
[CV 2/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=100
[CV 2/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1380.596, test=-2389.872)
total time= 9.5s
[CV 5/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1303.743, test=-2832.984)
total time= 9.7s
[CV 1/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-665.546, test=-2551.098)
total time= 24.4s
[CV 4/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-176.535, test=-2921.474)
total time= 48.6s
[CV 2/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-620.933, test=-2507.109)
total time= 24.5s
[CV 5/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-204.937, test=-2944.858)
total time= 49.0s
[CV 3/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-729.600, test=-2902.822)
total time= 24.2s
[CV 1/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2448.914, test=-2428.059)
total time= 1.0s
[CV 3/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2356.446, test=-2746.617)
total time= 1.0s
[CV 5/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2383.489, test=-2705.889)

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total time= 1.0s
[CV 2/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2313.323, test=-2309.549)
total time= 1.9s
[CV 4/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2212.149, test=-2580.993)
total time= 1.9s
[CV 2/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1943.331, test=-2346.207)
total time= 4.8s
[CV 5/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1799.385, test=-2749.884)
total time= 4.8s
[CV 3/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1434.140, test=-2815.545)
total time= 9.7s
[CV 1/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-902.860, test=-2572.913)
total time= 19.6s
[CV 4/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-656.151, test=-2914.782)
total time= 24.1s
[CV 3/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2356.446, test=-2746.617)
total time= 0.9s
[CV 5/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2383.489, test=-2705.889)
total time= 1.0s
[CV 2/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

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[CV 2/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2313.437, test=-2318.182)
total time= 1.9s
[CV 5/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2218.726, test=-2703.699)
total time= 1.9s
[CV 3/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1879.335, test=-2766.517)
total time= 4.8s
[CV 1/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1391.744, test=-2500.177)
total time= 9.6s
[CV 4/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1406.321, test=-2739.800)
total time= 9.7s
[CV 5/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-853.586, test=-2844.824)
total time= 19.3s
[CV 3/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-270.760, test=-2940.199)
total time= 48.9s
[CV 5/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-860.581, test=-2830.624)
total time= 19.5s
[CV 3/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2356.446, test=-2747.316)
total time= 0.9s
[CV 5/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2383.489, test=-2705.960)
total time= 1.0s

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[CV 2/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2313.438, test=-2318.023)
total time= 1.9s
[CV 4/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2212.149, test=-2581.557)
total time= 1.9s
[CV 2/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1938.163, test=-2343.453)
total time= 4.7s
[CV 5/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1799.385, test=-2752.195)
total time= 4.8s
[CV 3/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1485.614, test=-2832.948)
total time= 9.6s
[CV 1/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-879.108, test=-2524.069)
total time= 19.2s
[CV 4/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-656.151, test=-2913.465)
total time= 24.0s
[CV 2/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2480.860, test=-2328.578)
total time= 0.9s
[CV 4/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2399.409, test=-2590.382)
total time= 0.9s
[CV 1/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20;; score=(train=-2271.598, test=-2397.735)
total time= 1.9s
[CV 3/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2213.711, test=-2740.561)
total time= 1.9s
[CV 1/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1857.691, test=-2460.101)
total time= 4.7s
[CV 4/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1848.993, test=-2647.632)
total time= 4.7s
[CV 2/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1476.417, test=-2398.913)
total time= 9.6s
[CV 5/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1379.438, test=-2799.345)
total time= 9.6s
[CV 1/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-711.462, test=-2592.911)
total time= 24.0s
[CV 4/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-222.309, test=-2965.407)
total time= 48.0s
[CV 2/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-706.336, test=-2501.212)
total time= 24.3s
[CV 5/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-274.735, test=-2881.095)
total time= 48.8s
[CV 3/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250
[CV 3/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-729.600, test=-2903.941)
total time= 24.4s
[CV 1/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2117.478, test=-2478.431)
total time= 1.5s
[CV 3/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2073.592, test=-2761.132)
total time= 1.5s
[CV 5/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2099.027, test=-2755.634)
total time= 1.5s
[CV 3/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1752.529, test=-2766.305)
total time= 3.0s
[CV 1/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-927.888, test=-2542.460)
total time= 7.4s
[CV 4/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-972.069, test=-2709.247)
total time= 7.5s
[CV 2/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1299.926, test=-2710.702)
total time= 9.5s
[CV 5/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-761.783, test=-2882.505)
total time= 19.3s
[CV 3/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

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[CV 3/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-195.654, test=-2982.884)
total time= 48.3s

[CV 4/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 4/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-825.348, test=-2881.662)
total time= 19.2s

[CV 1/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-276.828, test=-2626.949)
total time= 48.6s

[CV 3/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 3/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-918.029, test=-2880.518)
total time= 19.3s

[CV 5/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 5/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-703.113, test=-2839.319)
total time= 24.3s

[CV 4/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 4/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2212.149, test=-2581.557)
total time= 1.9s

[CV 2/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 2/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1938.162, test=-2335.158)
total time= 4.8s

[CV 5/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 5/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1781.439, test=-2730.558)
total time= 4.8s

[CV 3/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 3/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1434.140, test=-2819.416)
total time= 9.6s

[CV 1/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 1/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-902.860, test=-2574.839)
total time= 19.3s

[CV 4/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 4/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-656.151, test=-2909.467) total time= 24.4s

[CV 4/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2399.409, test=-2590.382) total time= 1.0s

[CV 1/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2271.598, test=-2397.204) total time= 1.9s

[CV 4/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 4/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2212.149, test=-2581.557) total time= 1.9s

[CV 2/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 2/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1938.174, test=-2341.295) total time= 4.8s

[CV 5/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 5/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1799.385, test=-2749.990) total time= 4.8s

[CV 3/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 3/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1485.614, test=-2831.753) total time= 9.7s

[CV 1/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 1/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-902.860, test=-2573.028) total time= 19.5s

[CV 4/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 4/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-656.151, test=-2912.994) total time= 24.3s

[CV 2/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 2/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10;; score=(train=-2212.681, test=-2350.627)
total time= 1.5s
[CV 4/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2104.449, test=-2578.130)
total time= 1.5s
[CV 2/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1828.972, test=-2387.926)
total time= 2.9s
[CV 5/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1758.407, test=-2780.393)
total time= 2.9s
[CV 3/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-988.285, test=-2807.385)
total time= 7.5s
[CV 1/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-360.337, test=-2610.089)
total time= 15.1s
[CV 2/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-60.894, test=-2488.079)
total time= 30.3s
[CV 5/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-735.973, test=-2829.099)
total time= 19.4s
[CV 1/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-225.101, test=-2568.524)
total time= 48.9s
[CV 3/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-837.478, test=-2898.473)

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total time= 19.4s
[CV 1/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-198.522, test=-2615.321)
total time= 48.8s
[CV 2/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-903.251, test=-2480.257)
total time= 19.2s
[CV 5/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-687.558, test=-2846.406)
total time= 24.2s
[CV 5/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2218.726, test=-2702.270)
total time= 1.9s
[CV 3/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1879.335, test=-2767.429)
total time= 4.8s
[CV 1/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1391.744, test=-2502.353)
total time= 9.7s
[CV 4/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1406.321, test=-2740.816)
total time= 9.7s
[CV 5/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-853.586, test=-2846.415)
total time= 19.4s
[CV 3/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-263.724, test=-2948.203)
total time= 48.3s
[CV 4/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

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[CV 4/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-825.348, test=-2882.983)
total time= 19.4s

[CV 2/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 2/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-242.396, test=-2554.005)
total time= 48.7s

[CV 4/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 4/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-825.348, test=-2884.230)
total time= 19.5s

[CV 2/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 2/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-246.604, test=-2531.197)
total time= 48.6s

[CV 5/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 5/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-393.505, test=-2914.490)
total time= 15.2s

[CV 3/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 3/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-29.331, test=-2853.649)
total time= 38.0s

[CV 1/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 1/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2104.652, test=-2462.970)
total time= 1.4s

[CV 2/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 2/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2216.115, test=-2383.566)
total time= 1.5s

[CV 3/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 3/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2076.612, test=-2763.344)
total time= 1.5s

[CV 4/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 4/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2101.424, test=-2567.000)
total time= 1.5s

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[CV 5/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2074.028, test=-2766.500)
total time= 1.5s
[CV 1/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1696.301, test=-2453.123)
total time= 2.9s
[CV 2/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1841.007, test=-2402.591)
total time= 2.9s
[CV 3/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1689.478, test=-2793.899)
total time= 2.9s
[CV 4/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1689.334, test=-2617.051)
total time= 2.9s
[CV 2/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1048.671, test=-2432.864)
total time= 7.4s
[CV 5/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2392.825, test=-2555.301)
total time= 0.9s
[CV 1/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2257.895, test=-2426.125)
total time= 1.9s
[CV 3/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2203.945, test=-2733.989)
total time= 1.9s
[CV 1/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50
[CV 1/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1822.350, test=-2444.081)
total time= 4.8s
[CV 4/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1771.227, test=-2617.438)
total time= 4.8s
[CV 2/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1440.876, test=-2406.306)
total time= 9.8s
[CV 5/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1303.743, test=-2830.174)
total time= 9.7s
[CV 1/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-613.636, test=-2522.442)
total time= 24.3s
[CV 4/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-176.535, test=-2923.360)
total time= 48.8s
[CV 2/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-692.936, test=-2476.202)
total time= 24.0s
[CV 5/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-274.735, test=-2890.482)
total time= 49.2s
[CV 3/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-698.351, test=-2916.074)
total time= 24.3s
[CV 1/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2448.914, test=-2427.318)

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total time= 1.0s
[CV 2/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2480.860, test=-2323.298)
total time= 0.9s
[CV 4/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2399.409, test=-2590.382)
total time= 0.9s
[CV 1/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2271.598, test=-2398.341)
total time= 1.9s
[CV 3/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2213.740, test=-2740.641)
total time= 1.9s
[CV 1/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1857.691, test=-2461.853)
total time= 4.8s
[CV 4/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1848.993, test=-2651.024)
total time= 4.8s
[CV 2/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1483.994, test=-2395.660)
total time= 9.7s
[CV 5/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1379.438, test=-2798.929)
total time= 9.6s
[CV 1/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-711.462, test=-2591.855)
total time= 24.2s
[CV 4/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

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[CV 4/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-222.309, test=-2969.918)
total time= 48.1s

[CV 2/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-690.050, test=-2492.630)
total time= 23.9s

[CV 5/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 5/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-265.459, test=-2881.407)
total time= 48.5s

[CV 1/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 1/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-20.887, test=-2623.397)
total time= 37.9s

[CV 4/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 4/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.409, test=-2792.105)
total time= 1.3min

[CV 2/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 2/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-24.210, test=-2484.991)
total time= 37.6s

[CV 5/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 2/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-719.027, test=-2527.128)
total time= 24.0s

[CV 5/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 5/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-274.735, test=-2886.660)
total time= 48.8s

[CV 3/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 3/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-698.351, test=-2916.126)
total time= 24.2s

[CV 1/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 1/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2448.914, test=-2428.059)
total time= 1.0s

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[CV 2/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2480.860, test=-2321.843)
total time= 0.9s
[CV 3/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2356.446, test=-2747.263)
total time= 0.9s
[CV 5/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2383.489, test=-2705.889)
total time= 1.0s
[CV 2/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2313.437, test=-2312.330)
total time= 1.9s
[CV 5/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2218.728, test=-2703.613)
total time= 1.9s
[CV 3/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1862.169, test=-2768.474)
total time= 4.7s
[CV 1/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1391.744, test=-2502.029)
total time= 9.5s
[CV 4/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1406.321, test=-2739.309)
total time= 9.5s
[CV 3/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-912.545, test=-2894.491)
total time= 19.3s
[CV 1/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500;; score=(train=-276.828, test=-2628.570)
total time= 48.4s
[CV 4/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-432.269, test=-2693.840)
total time= 15.0s
[CV 2/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-23.880, test=-2523.753)
total time= 37.9s
[CV 5/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.624, test=-2906.579)
total time= 1.3min
[CV 3/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-25.563, test=-2869.444)
total time= 37.7s
[CV 1/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2169.899, test=-2487.412)
total time= 1.5s
[CV 2/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2264.785, test=-2376.859)
total time= 1.5s
[CV 3/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2084.362, test=-2773.427)
total time= 1.4s
[CV 5/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2093.222, test=-2741.909)
total time= 1.5s
[CV 2/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1923.109, test=-2390.430)
total time= 2.9s
[CV 4/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20
[CV 4/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1772.321, test=-2588.650)
total time= 2.9s
[CV 2/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1134.424, test=-2472.800)
total time= 7.4s
[CV 5/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1006.941, test=-2854.406)
total time= 7.3s
[CV 3/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-475.769, test=-2895.690)
total time= 14.8s
[CV 1/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-113.863, test=-2574.904)
total time= 30.1s
[CV 3/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-57.419, test=-2912.947)
total time= 37.2s
[CV 5/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-977.203, test=-2848.643)
total time= 7.4s
[CV 3/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-436.660, test=-2865.749)
total time= 14.9s
[CV 1/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-51.008, test=-2573.699)
total time= 30.4s
[CV 4/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-26.655, test=-2834.348)
total time= 37.9s
[CV 4/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10
[CV 4/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2155.674, test=-2574.114)
total time= 1.5s
[CV 1/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1760.109, test=-2477.607)
total time= 2.9s
[CV 3/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1747.229, test=-2790.795)
total time= 2.9s
[CV 5/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1781.533, test=-2780.093)
total time= 2.9s
[CV 3/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1087.992, test=-2840.863)
total time= 7.4s
[CV 1/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-451.960, test=-2575.021)
total time= 14.9s
[CV 4/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-468.818, test=-2702.063)
total time= 15.0s
[CV 2/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-108.802, test=-2527.416)
total time= 29.8s
[CV 5/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-64.442, test=-2923.200)
total time= 38.0s
[CV 5/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1825.618, test=-2784.604)

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total time= 2.9s
[CV 3/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1193.864, test=-2831.952)
total time= 7.4s
[CV 1/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-609.195, test=-2550.919)
total time= 15.0s
[CV 4/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-555.510, test=-2717.430)
total time= 14.7s
[CV 2/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-190.830, test=-2501.534)
total time= 29.8s
[CV 5/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-84.615, test=-2935.748)
total time= 37.3s
[CV 2/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1197.784, test=-2408.034)
total time= 7.2s
[CV 5/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1077.746, test=-2837.775)
total time= 7.2s
[CV 3/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-549.542, test=-2765.908)
total time= 14.6s
[CV 1/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-179.316, test=-2596.211)
total time= 29.9s
[CV 4/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

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[CV 4/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-68.140, test=-2874.298)
total time= 36.9s
[CV 4/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2179.580, test=-2590.847)
total time= 1.4s
[CV 1/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1811.218, test=-2487.226)
total time= 2.8s
[CV 3/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1732.921, test=-2724.436)
total time= 2.9s
[CV 1/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1209.990, test=-2552.035)
total time= 7.3s
[CV 4/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1099.308, test=-2728.608)
total time= 7.3s
[CV 3/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-263.724, test=-2951.561)
total time= 48.7s
[CV 1/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-46.070, test=-2635.970)
total time= 30.3s
[CV 4/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-24.587, test=-2797.360)
total time= 38.2s
[CV 5/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1771.326, test=-2779.476)
total time= 3.0s

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[CV 3/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-955.446, test=-2836.090)
total time= 7.5s
[CV 1/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-376.116, test=-2569.729)
total time= 15.2s
[CV 4/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-404.454, test=-2792.914)
total time= 15.1s
[CV 2/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-69.734, test=-2456.978)
total time= 30.1s
[CV 5/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-38.473, test=-2902.712)
total time= 38.0s
[CV 1/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1088.983, test=-2499.691)
total time= 7.4s
[CV 4/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1019.214, test=-2664.810)
total time= 7.4s
[CV 2/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-458.660, test=-2491.032)
total time= 14.8s
[CV 5/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-453.636, test=-2861.468)
total time= 14.9s
[CV 1/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250;; score=(train=-56.696, test=-2583.159)
total time= 37.4s
[CV 4/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1.908, test=-2733.051)
total time= 1.3min
[CV 2/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-112.769, test=-2506.753)
total time= 37.4s
[CV 5/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-6.703, test=-2941.783)
total time= 1.3min
[CV 3/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-75.092, test=-2792.090)
total time= 37.0s
[CV 1/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2200.622, test=-2464.683)
total time= 1.4s
[CV 2/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2266.447, test=-2369.449)
total time= 1.4s
[CV 3/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2093.134, test=-2729.203)
total time= 1.4s
[CV 5/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2136.296, test=-2734.669)
total time= 1.4s
[CV 2/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1923.137, test=-2357.831)
total time= 2.9s
[CV 4/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20
[CV 4/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1817.171, test=-2625.331)
total time= 2.9s
[CV 2/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1197.784, test=-2407.295)
total time= 7.3s
[CV 5/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1074.203, test=-2833.141)
total time= 7.2s
[CV 3/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-520.953, test=-2820.964)
total time= 14.7s
[CV 1/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-151.906, test=-2617.867)
total time= 29.5s
[CV 3/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-75.333, test=-2844.758)
total time= 37.2s
[CV 1/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2211.892, test=-2457.535)
total time= 1.4s
[CV 2/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2290.327, test=-2368.337)
total time= 1.4s
[CV 3/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2137.687, test=-2770.019)
total time= 1.4s
[CV 5/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2150.019, test=-2772.334)

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total time= 1.4s
[CV 2/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1958.622, test=-2385.086)
total time= 2.9s
[CV 4/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1845.268, test=-2585.351)
total time= 2.8s
[CV 2/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1271.908, test=-2430.072)
total time= 7.3s
[CV 5/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1146.484, test=-2881.676)
total time= 7.3s
[CV 3/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-590.523, test=-2893.580)
total time= 14.7s
[CV 1/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-178.056, test=-2588.613)
total time= 29.7s
[CV 4/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-93.310, test=-2729.155)
total time= 37.0s
[CV 4/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2179.580, test=-2590.470)
total time= 1.4s
[CV 1/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1811.446, test=-2489.905)
total time= 2.8s
[CV 3/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

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[CV 3/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1732.921, test=-2725.536)
total time= 2.8s

[CV 5/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 5/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1800.283, test=-2747.975)
total time= 2.9s

[CV 3/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 3/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1061.942, test=-2732.649)
total time= 7.2s

[CV 1/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 1/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-561.880, test=-2603.478)
total time= 14.5s

[CV 4/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 4/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-500.711, test=-2782.758)
total time= 14.6s

[CV 2/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 2/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-130.963, test=-2485.639)
total time= 29.0s

[CV 5/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 5/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-90.521, test=-2927.105)
total time= 37.1s

[CV 5/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 5/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1800.220, test=-2746.123)
total time= 2.9s

[CV 3/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 3/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1059.996, test=-2765.992)
total time= 7.2s

[CV 1/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 1/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-588.601, test=-2616.139)
total time= 14.7s

[CV 4/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-518.287, test=-2793.389)
total time= 14.6s
[CV 2/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-139.738, test=-2499.361)
total time= 29.3s
[CV 5/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-87.622, test=-2908.301)
total time= 37.0s
[CV 1/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1199.675, test=-2549.777)
total time= 7.3s
[CV 4/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1099.299, test=-2735.049)
total time= 7.3s
[CV 2/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-543.517, test=-2505.194)
total time= 14.5s
[CV 1/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-276.828, test=-2630.073)
total time= 48.3s
[CV 2/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-872.153, test=-2477.077)
total time= 19.2s
[CV 5/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-687.558, test=-2840.034)
total time= 24.2s
[CV 1/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1711.549, test=-2504.779)
total time= 2.9s

[CV 4/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 4/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1755.544, test=-2589.183)
total time= 2.9s

[CV 2/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 2/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-989.686, test=-2447.337)
total time= 7.4s

[CV 5/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 5/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-953.815, test=-2857.901)
total time= 7.6s

[CV 3/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 3/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-392.518, test=-2837.994)
total time= 15.0s

[CV 5/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 5/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-52.614, test=-2920.883)
total time= 30.4s

[CV 3/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 3/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-0.540, test=-2852.045)
total time= 1.3min

[CV 1/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 1/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-30.866, test=-2623.148)
total time= 38.0s

[CV 4/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 4/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-0.559, test=-2812.424)
total time= 1.3min

[CV 2/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 2/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-46.335, test=-2491.583)
total time= 37.6s

[CV 5/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 5/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500;; score=(train=-3.020, test=-2917.518)
total time= 1.3min
[CV 3/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-100.148, test=-2913.941)
total time= 37.3s
[CV 1/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2200.622, test=-2464.430)
total time= 1.4s
[CV 2/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2266.447, test=-2370.588)
total time= 1.4s
[CV 3/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2093.134, test=-2728.067)
total time= 1.4s
[CV 5/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2136.296, test=-2737.156)
total time= 1.4s
[CV 2/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1923.137, test=-2351.870)
total time= 2.8s
[CV 4/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1817.171, test=-2622.660)
total time= 2.9s
[CV 1/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1163.540, test=-2525.200)
total time= 7.2s
[CV 4/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1118.035, test=-2723.571)
total time= 7.2s
[CV 2/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 2/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-547.874, test=-2473.171)
total time= 14.5s
[CV 5/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-534.507, test=-2876.840)
total time= 14.8s
[CV 1/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-101.979, test=-2622.578)
total time= 37.4s
[CV 4/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-4.354, test=-2856.335)
total time= 1.2min
[CV 2/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-74.168, test=-2502.156)
total time= 37.1s
[CV 5/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-7.693, test=-2888.312)
total time= 1.3min
[CV 3/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-261.357, test=-2954.974)
total time= 48.4s
[CV 4/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-825.348, test=-2883.293)
total time= 19.2s
[CV 2/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-242.396, test=-2564.416)
total time= 47.9s
[CV 2/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-872.155, test=-2477.349)
total time= 19.0s
[CV 5/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=250
[CV 5/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-687.558, test=-2844.690)
total time= 24.3s
[CV 3/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2213.740, test=-2739.852)
total time= 1.9s
[CV 1/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1857.691, test=-2458.070)
total time= 4.8s
[CV 4/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1848.993, test=-2648.287)
total time= 4.8s
[CV 2/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1483.994, test=-2411.923)
total time= 9.6s
[CV 5/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1379.438, test=-2798.095)
total time= 9.6s
[CV 1/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-711.462, test=-2589.985)
total time= 24.1s
[CV 4/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-222.309, test=-2968.494)
total time= 48.2s
[CV 4/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-80.703, test=-2710.889)
total time= 30.4s
[CV 2/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.457, test=-2519.049)

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total time= 1.3min
[CV 4/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-61.448, test=-2816.013)
total time= 30.4s
[CV 2/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.697, test=-2456.101)
total time= 1.3min
[CV 4/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-94.476, test=-2734.527)
total time= 29.9s
[CV 2/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1.623, test=-2510.839)
total time= 1.3min
[CV 4/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-168.559, test=-2774.689)
total time= 29.9s
[CV 2/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-6.979, test=-2501.375)
total time= 1.3min
[CV 3/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-151.852, test=-2827.273)
total time= 29.6s
[CV 1/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-5.896, test=-2625.963)
total time= 1.2min
[CV 3/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-139.261, test=-2848.251)
total time= 29.6s
[CV 2/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

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[CV 2/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-3.583, test=-2482.241)
total time= 1.2min
[CV 2/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-135.900, test=-2510.540)
total time= 29.7s
[CV 5/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-105.639, test=-2919.098)
total time= 37.6s
[CV 5/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1821.689, test=-2741.583)
total time= 2.8s
[CV 3/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1297.907, test=-2793.378)
total time= 7.2s
[CV 1/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-659.103, test=-2540.480)
total time= 14.7s
[CV 5/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1.268, test=-2909.112)
total time= 1.3min
[CV 4/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-47.084, test=-2748.486)
total time= 37.4s
[CV 4/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2185.027, test=-2591.163)
total time= 1.4s
[CV 1/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1846.798, test=-2464.027)
total time= 2.9s
[CV 3/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

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[CV 3/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1844.491, test=-2764.050)
total time= 2.9s

[CV 1/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 1/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1222.832, test=-2522.506)
total time= 7.4s

[CV 4/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 4/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1149.908, test=-2663.112)
total time= 7.3s

[CV 2/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 2/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-625.024, test=-2471.165)
total time= 15.0s

[CV 5/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 5/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-566.874, test=-2938.205)
total time= 15.1s

[CV 1/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 1/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-102.130, test=-2593.457)
total time= 37.6s

[CV 4/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 4/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-6.096, test=-2775.104)
total time= 1.3min

[CV 2/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 2/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-66.922, test=-2470.491)
total time= 36.4s

[CV 5/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 5/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-6.353, test=-2907.407)
total time= 1.2min

[CV 4/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 4/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-67.449, test=-2831.345)
total time= 37.3s

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[CV 2/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2266.447, test=-2363.638)
total time= 1.4s
[CV 4/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2179.580, test=-2592.031)
total time= 1.4s
[CV 1/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1811.217, test=-2492.823)
total time= 2.9s
[CV 3/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1732.921, test=-2729.199)
total time= 2.8s
[CV 5/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1800.285, test=-2753.994)
total time= 2.9s
[CV 3/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1069.218, test=-2742.863)
total time= 7.2s
[CV 1/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-573.475, test=-2610.457)
total time= 14.8s
[CV 4/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-500.711, test=-2782.649)
total time= 14.7s
[CV 4/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-139.509, test=-2822.979)
total time= 29.7s
[CV 2/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500;; score=(train=-4.886, test=-2509.267)
total time= 1.2min
[CV 3/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-232.883, test=-2904.398)
total time= 29.4s
[CV 1/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-15.415, test=-2571.600)
total time= 1.3min
[CV 2/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-287.337, test=-2484.320)
total time= 29.2s
[CV 5/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-192.989, test=-2888.592)
total time= 36.9s
[CV 2/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1363.878, test=-2405.487)
total time= 7.2s
[CV 3/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-75.333, test=-2848.019)
total time= 37.2s
[CV 1/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2231.923, test=-2464.823)
total time= 1.4s
[CV 2/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2308.020, test=-2369.623)
total time= 1.4s
[CV 4/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2218.136, test=-2585.321)
total time= 1.4s
[CV 2/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20
[CV 2/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2007.415, test=-2366.457)
total time= 2.9s
[CV 4/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1880.678, test=-2608.709)
total time= 2.9s
[CV 2/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1405.860, test=-2425.076)
total time= 7.3s
[CV 5/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1173.216, test=-2800.673)
total time= 7.1s
[CV 3/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-693.221, test=-2866.615)
total time= 14.7s
[CV 1/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-231.796, test=-2542.111)
total time= 29.6s
[CV 4/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-114.453, test=-2844.535)
total time= 36.7s
[CV 2/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2317.753, test=-2359.601)
total time= 1.4s
[CV 4/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2178.888, test=-2592.120)
total time= 1.4s
[CV 2/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2008.479, test=-2355.595)

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total time= 2.8s
[CV 4/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1864.273, test=-2598.675)
total time= 2.8s
[CV 2/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1390.226, test=-2399.027)
total time= 7.1s
[CV 5/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1232.021, test=-2840.133)
total time= 7.1s
[CV 3/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-801.680, test=-2884.184)
total time= 14.7s
[CV 1/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-320.625, test=-2577.888)
total time= 29.0s
[CV 4/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-161.935, test=-2834.146)
total time= 36.6s
[CV 2/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2317.753, test=-2357.870)
total time= 1.4s
[CV 4/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2178.888, test=-2590.173)
total time= 1.4s
[CV 1/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1937.933, test=-2482.418)
total time= 2.8s
[CV 3/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 3/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1838.328, test=-2769.479)
total time= 2.8s
[CV 5/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1858.133, test=-2757.602)
total time= 2.8s
[CV 3/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1314.604, test=-2806.251)
total time= 7.2s
[CV 1/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-763.012, test=-2565.902)
total time= 14.6s
[CV 4/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-734.893, test=-2773.777)
total time= 14.6s
[CV 4/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-255.206, test=-2826.237)
total time= 29.3s
[CV 1/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2200.622, test=-2462.409)
total time= 1.4s
[CV 3/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2093.134, test=-2729.122)
total time= 1.4s
[CV 5/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2136.296, test=-2739.121)
total time= 1.4s
[CV 2/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1923.137, test=-2362.768)
total time= 2.8s

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[CV 4/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1817.171, test=-2620.853)
total time= 2.9s
[CV 2/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1197.783, test=-2412.878)
total time= 7.3s
[CV 5/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1031.709, test=-2834.480)
total time= 7.0s
[CV 3/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-520.953, test=-2817.954)
total time= 14.7s
[CV 1/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-158.813, test=-2607.439)
total time= 29.8s
[CV 4/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-73.925, test=-2868.896)
total time= 37.1s
[CV 3/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2114.081, test=-2724.141)
total time= 1.4s
[CV 5/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2167.973, test=-2729.423)
total time= 1.4s
[CV 1/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1898.867, test=-2470.996)
total time= 2.8s
[CV 3/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20;; score=(train=-1837.474, test=-2706.513)
total time= 2.8s
[CV 1/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1192.106, test=-2504.122)
total time= 7.1s
[CV 4/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1222.807, test=-2700.647)
total time= 7.2s
[CV 2/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-763.438, test=-2454.403)
total time= 14.8s
[CV 5/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-629.431, test=-2862.933)
total time= 14.9s
[CV 1/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-146.107, test=-2642.417)
total time= 36.5s
[CV 4/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-9.761, test=-2852.030)
total time= 1.2min
[CV 2/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-176.274, test=-2485.863)
total time= 36.4s
[CV 5/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-35.110, test=-2922.036)
total time= 1.2min
[CV 3/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-201.678, test=-2926.033)
total time= 36.6s
[CV 1/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10
[CV 1/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2248.879, test=-2450.796)
total time= 1.4s
[CV 2/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2317.753, test=-2348.965)
total time= 1.4s
[CV 4/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2178.888, test=-2588.171)
total time= 1.4s
[CV 1/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1937.841, test=-2474.409)
total time= 2.8s
[CV 3/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1838.312, test=-2768.638)
total time= 2.8s
[CV 1/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-378.619, test=-2518.620)
total time= 15.1s
[CV 3/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-61.431, test=-2853.092)
total time= 30.6s
[CV 1/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.454, test=-2652.831)
total time= 1.3min
[CV 3/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-66.534, test=-2873.903)
total time= 30.3s
[CV 1/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.582, test=-2625.685)

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total time= 1.3min
[CV 3/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-111.373, test=-2893.045)
total time= 30.0s
[CV 1/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-2.148, test=-2580.978)
total time= 1.3min
[CV 3/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-162.848, test=-2917.807)
total time= 29.9s
[CV 1/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-7.454, test=-2594.084)
total time= 1.3min
[CV 4/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-117.891, test=-2856.952)
total time= 29.7s
[CV 2/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-3.872, test=-2473.713)
total time= 1.2min
[CV 4/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-128.118, test=-2865.379)
total time= 29.5s
[CV 1/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-6.318, test=-2651.897)
total time= 1.3min
[CV 3/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-142.437, test=-2831.122)
total time= 29.4s
[CV 1/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

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[CV 1/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-8.074, test=-2592.925)
total time= 1.2min

[CV 2/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 2/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-225.443, test=-2534.251)
total time= 29.4s

[CV 5/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 5/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-132.216, test=-2945.872)
total time= 37.2s

[CV 5/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 5/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1858.130, test=-2763.723)
total time= 2.8s

[CV 3/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 3/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1314.415, test=-2805.869)
total time= 7.2s

[CV 1/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 1/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-728.692, test=-2575.237)
total time= 14.6s

[CV 4/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 4/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-734.893, test=-2768.366)
total time= 14.6s

[CV 3/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 3/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-301.968, test=-2890.930)
total time= 29.4s

[CV 1/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-26.635, test=-2607.551)
total time= 1.2min

[CV 3/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 3/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-285.736, test=-2915.668)
total time= 29.7s

[CV 2/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-25.187, test=-2492.298)
total time= 1.2min
[CV 2/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-292.398, test=-2478.775)
total time= 29.1s
[CV 5/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-210.166, test=-2903.280)
total time= 37.2s
[CV 2/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1390.226, test=-2402.354)
total time= 7.1s
[CV 5/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1232.021, test=-2842.840)
total time= 7.3s
[CV 2/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-547.874, test=-2464.900)
total time= 14.6s
[CV 5/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-521.405, test=-2873.085)
total time= 14.7s
[CV 1/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-93.494, test=-2584.601)
total time= 37.4s
[CV 4/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-5.031, test=-2865.816)
total time= 1.2min
[CV 2/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250;; score=(train=-66.922, test=-2475.230)
total time= 36.8s
[CV 5/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-8.143, test=-2909.882)
total time= 1.3min
[CV 3/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-138.890, test=-2903.512)
total time= 37.1s
[CV 1/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2248.879, test=-2452.618)
total time= 1.4s
[CV 3/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2123.954, test=-2761.961)
total time= 1.4s
[CV 5/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2167.413, test=-2751.313)
total time= 1.3s
[CV 1/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1937.843, test=-2477.596)
total time= 2.8s
[CV 3/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1838.310, test=-2769.328)
total time= 2.8s
[CV 1/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1301.236, test=-2498.303)
total time= 7.1s
[CV 4/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1269.548, test=-2676.397)
total time= 7.1s
[CV 2/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100
[CV 2/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-686.860, test=-2433.352)
total time= 14.3s
[CV 5/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-724.322, test=-2867.123)
total time= 14.9s
[CV 1/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-193.429, test=-2593.732)
total time= 36.8s
[CV 4/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-16.590, test=-2843.480)
total time= 1.2min
[CV 2/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-176.275, test=-2487.689)
total time= 36.4s
[CV 5/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-33.034, test=-2912.186)
total time= 1.2min
[CV 3/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-177.792, test=-2901.932)
total time= 36.7s
[CV 1/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2248.879, test=-2450.654)
total time= 1.4s
[CV 2/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2317.753, test=-2353.159)
total time= 1.4s
[CV 4/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2178.888, test=-2588.391)

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total time= 1.4s
[CV 1/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1937.929, test=-2477.895)
total time= 2.8s
[CV 3/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1838.328, test=-2772.457)
total time= 2.8s
[CV 5/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1857.961, test=-2765.380)
total time= 2.8s
[CV 3/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1314.616, test=-2804.736)
total time= 7.2s
[CV 1/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-728.692, test=-2579.903)
total time= 14.6s
[CV 5/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1232.021, test=-2838.648)
total time= 6.9s
[CV 3/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-830.728, test=-2853.441)
total time= 14.7s
[CV 1/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-291.927, test=-2626.567)
total time= 29.5s
[CV 4/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-161.935, test=-2832.291)
total time= 36.6s
[CV 3/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

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[CV 3/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2123.954, test=-2767.170)
total time= 1.4s
[CV 5/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2167.413, test=-2748.772)
total time= 1.4s
[CV 2/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2008.479, test=-2353.285)
total time= 2.8s
[CV 4/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1864.273, test=-2599.768)
total time= 2.8s
[CV 2/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1377.430, test=-2404.918)
total time= 7.2s
[CV 5/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1220.921, test=-2809.826)
total time= 7.1s
[CV 3/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-846.947, test=-2880.684)
total time= 14.7s
[CV 1/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-333.755, test=-2592.518)
total time= 29.6s
[CV 4/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-161.935, test=-2836.296)
total time= 36.7s
[CV 3/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2123.954, test=-2764.097)
total time= 1.6s

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[CV 5/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2167.413, test=-2757.593)
total time= 1.4s
[CV 2/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2008.479, test=-2352.655)
total time= 2.9s
[CV 4/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1864.273, test=-2596.937)
total time= 2.8s
[CV 1/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1262.639, test=-2534.079)
total time= 7.1s
[CV 4/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1269.548, test=-2679.819)
total time= 7.6s
[CV 3/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-812.542, test=-2875.535)
total time= 14.8s
[CV 1/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-286.405, test=-2590.821)
total time= 29.2s
[CV 4/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-161.935, test=-2833.791)
total time= 36.4s
[CV 3/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2179.062, test=-2744.483)
total time= 1.4s
[CV 5/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10;; score=(train=-2238.159, test=-2727.265)
total time= 1.4s
[CV 2/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2063.553, test=-2337.865)
total time= 2.8s
[CV 4/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1857.348, test=-2622.541)
total time= 2.7s
[CV 1/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1387.698, test=-2551.491)
total time= 7.1s
[CV 4/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1339.997, test=-2675.918)
total time= 7.0s
[CV 2/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-540.367, test=-2850.857)
total time= 14.7s
[CV 1/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-94.351, test=-2601.823)
total time= 37.0s
[CV 4/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-4.915, test=-2870.076)
total time= 1.2min
[CV 2/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-128.715, test=-2515.828)
total time= 36.3s
[CV 5/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-15.803, test=-2911.620)

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total time= 1.2min
[CV 3/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-192.002, test=-2905.570)
total time= 36.6s
[CV 1/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2248.879, test=-2451.914)
total time= 1.4s
[CV 3/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2123.954, test=-2762.998)
total time= 1.4s
[CV 5/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2167.413, test=-2757.317)
total time= 1.4s
[CV 2/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2008.479, test=-2354.186)
total time= 2.8s
[CV 4/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1864.273, test=-2596.537)
total time= 2.8s
[CV 1/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1345.726, test=-2498.683)
total time= 7.1s
[CV 4/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1269.547, test=-2676.069)
total time= 7.1s
[CV 2/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-772.094, test=-2449.232)
total time= 14.3s
[CV 5/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

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[CV 5/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-724.321, test=-2869.295)
total time= 14.5s
[CV 1/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-207.450, test=-2580.523)
total time= 37.0s
[CV 4/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-16.770, test=-2847.061)
total time= 1.2min
[CV 2/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-183.350, test=-2488.804)
total time= 36.4s
[CV 5/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-29.182, test=-2887.367)
total time= 1.2min
[CV 3/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-205.808, test=-2907.080)
total time= 37.0s
[CV 1/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2265.444, test=-2465.136)
total time= 1.4s
[CV 2/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2357.072, test=-2336.063)
total time= 1.4s
[CV 4/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2176.779, test=-2602.904)
total time= 1.4s
[CV 1/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1980.580, test=-2486.064)
total time= 2.8s

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[CV 3/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20
 [CV 3/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20;; score=(train=-1905.124, test=-2752.662)
 total time= 2.8s
 [CV 5/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20
 [CV 5/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20;; score=(train=-1923.248, test=-2741.261)
 total time= 2.8s
 [CV 3/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50
 [CV 3/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50;; score=(train=-1395.252, test=-2794.261)
 total time= 7.2s
 [CV 1/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=100
 [CV 1/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=100;; score=(train=-878.302, test=-2608.607)
 total time= 14.5s
 [CV 4/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=100

 [CV 5/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250;; score=(train=-22.989, test=-2905.294)
 total time= 37.9s
 [CV 1/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 1/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50;; score=(train=-916.624, test=-2528.657)
 total time= 7.4s
 [CV 4/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 4/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50;; score=(train=-877.489, test=-2750.559)
 total time= 7.4s
 [CV 2/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100
 [CV 2/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100;; score=(train=-394.049, test=-2439.121)
 total time= 15.1s
 [CV 5/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100
 [CV 5/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100;; score=(train=-396.692, test=-2874.680)
 total time= 15.1s
 [CV 5/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=200

[CV 5/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-73.442, test=-2912.061)
total time= 30.4s

[CV 3/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 3/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.554, test=-2883.144)
total time= 1.3min

[CV 5/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 5/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-101.326, test=-2915.464)
total time= 30.0s

[CV 3/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 3/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1.718, test=-2908.470)
total time= 1.3min

[CV 5/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 5/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-171.658, test=-2974.877)
total time= 30.0s

[CV 3/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 3/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-6.776, test=-2902.721)
total time= 1.2min

[CV 5/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 5/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-165.383, test=-2918.250)
total time= 29.9s

[CV 3/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 3/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-6.899, test=-2801.845)
total time= 1.3min

[CV 5/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 5/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-168.689, test=-2923.752)
total time= 29.9s

[CV 3/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 3/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-5.225, test=-2854.027)
total time= 1.2min

[CV 5/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 5/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-172.855, test=-2897.063)
total time= 30.1s

[CV 3/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 3/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-5.282, test=-2847.843)
total time= 1.2min

[CV 5/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 5/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-235.542, test=-2922.833)
total time= 29.7s

[CV 3/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 3/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-15.652, test=-2903.103)
total time= 1.3min

[CV 5/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 5/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-280.218, test=-2911.932)
total time= 29.5s

[CV 3/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 3/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-25.442, test=-2918.681)
total time= 1.2min

[CV 5/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 5/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-274.677, test=-2858.761)
total time= 29.2s

[CV 3/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 3/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-28.937, test=-2934.805)
total time= 1.2min

[CV 5/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 5/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-289.106, test=-2912.387)
total time= 29.4s

[CV 3/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500;; score=(train=-22.828, test=-2937.294)
total time= 1.2min
[CV 5/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-289.105, test=-2913.764)
total time= 29.5s
[CV 3/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-27.358, test=-2909.133)
total time= 1.2min
[CV 5/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-385.900, test=-2912.805)
total time= 29.0s
[CV 3/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-53.177, test=-2928.630)
total time= 1.2min
[CV 4/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-640.038, test=-2782.457)
total time= 14.6s
[CV 4/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-200.569, test=-2834.989)
total time= 29.4s
[CV 2/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-11.258, test=-2540.496)
total time= 1.2min
[CV 4/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-255.206, test=-2828.642)
total time= 29.1s
[CV 2/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-24.048, test=-2476.184)
total time= 1.2min
[CV 2/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 2/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-287.337, test=-2479.262)
total time= 29.0s
[CV 5/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-198.123, test=-2941.894)
total time= 36.8s
[CV 5/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1858.129, test=-2756.625)
total time= 2.8s
[CV 3/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1314.417, test=-2805.988)
total time= 7.2s
[CV 1/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-729.474, test=-2573.478)
total time= 14.5s
[CV 4/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-734.893, test=-2765.263)
total time= 14.5s
[CV 4/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-255.206, test=-2826.056)
total time= 29.1s
[CV 1/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-31.499, test=-2614.253)
total time= 1.2min
[CV 4/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-252.741, test=-2833.080)
total time= 29.2s
[CV 2/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-23.520, test=-2484.059)

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total time= 1.2min
[CV 2/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-356.152, test=-2446.998)
total time= 28.6s
[CV 5/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-274.946, test=-2859.544)
total time= 36.3s
[CV 5/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1923.248, test=-2740.568)
total time= 2.8s
[CV 3/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1376.413, test=-2803.734)
total time= 7.0s
[CV 1/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-889.695, test=-2600.177)
total time= 14.1s
[CV 4/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-805.869, test=-2755.802)
total time= 14.1s
[CV 4/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-307.963, test=-2816.924)
total time= 28.4s
[CV 5/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-269.190, test=-2880.122)
total time= 36.7s
[CV 5/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1923.248, test=-2737.307)
total time= 2.8s
[CV 3/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

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[CV 3/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1395.250, test=-2794.183)
total time= 7.2s

[CV 1/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 1/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-878.302, test=-2612.868)
total time= 14.4s

[CV 4/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 4/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-805.869, test=-2754.032)
total time= 14.2s

[CV 4/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 4/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-335.572, test=-2837.951)
total time= 28.8s

[CV 2/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 1/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1278.283, test=-2534.591)
total time= 7.1s

[CV 4/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 4/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1269.548, test=-2673.434)
total time= 7.1s

[CV 2/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 2/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-768.707, test=-2421.187)
total time= 14.4s

[CV 5/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 5/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-757.669, test=-2849.583)
total time= 14.5s

[CV 1/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 1/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-214.317, test=-2600.459)
total time= 36.7s

[CV 4/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 4/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-16.590, test=-2844.292)
total time= 1.2min

[CV 2/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 2/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-178.210, test=-2485.678)
total time= 36.3s

[CV 5/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 5/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-32.406, test=-2942.402)
total time= 1.2min

[CV 3/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 3/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-290.973, test=-2892.091)
total time= 37.0s

[CV 1/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 1/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2265.444, test=-2464.854)
total time= 1.4s

[CV 2/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 2/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2357.072, test=-2336.105)
total time= 1.4s

[CV 3/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 3/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2179.062, test=-2743.702)
total time= 1.4s

[CV 5/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 5/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2238.159, test=-2730.788)
total time= 1.4s

[CV 2/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 2/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2063.553, test=-2347.149)
total time= 2.8s

[CV 4/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 4/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-1857.347, test=-2624.029)
total time= 2.8s

[CV 2/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 2/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50;; score=(train=-1449.284, test=-2403.893)
total time= 7.1s
[CV 5/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1271.963, test=-2815.483)
total time= 7.1s
[CV 3/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-890.907, test=-2846.210)
total time= 14.6s
[CV 1/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-406.360, test=-2636.458)
total time= 29.4s
[CV 4/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-215.841, test=-2832.902)
total time= 35.7s
[CV 2/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2357.072, test=-2337.491)
total time= 1.4s
[CV 4/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2176.779, test=-2602.893)
total time= 1.4s
[CV 1/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1980.580, test=-2484.810)
total time= 2.8s
[CV 3/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1905.124, test=-2750.434)
total time= 2.8s
[CV 1/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1413.661, test=-2555.492)
total time= 7.1s
[CV 4/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50
[CV 4/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1339.997, test=-2675.695)
total time= 7.1s
[CV 2/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-852.392, test=-2410.704)
total time= 14.4s
[CV 5/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-853.362, test=-2813.188)
total time= 14.5s
[CV 1/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-284.218, test=-2637.671)
total time= 36.8s
[CV 2/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-768.707, test=-2423.687)
total time= 14.7s
[CV 5/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-732.794, test=-2861.544)
total time= 14.5s
[CV 1/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-216.009, test=-2584.789)
total time= 36.9s
[CV 4/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-16.590, test=-2847.061)
total time= 1.2min
[CV 2/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-243.399, test=-2493.420)
total time= 36.3s
[CV 5/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-56.934, test=-2930.821)

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total time= 1.2min
[CV 3/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-275.174, test=-2892.246)
total time= 36.5s
[CV 1/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2265.444, test=-2468.319)
total time= 1.4s
[CV 3/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2179.062, test=-2745.459)
total time= 1.4s
[CV 5/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2238.159, test=-2729.089)
total time= 1.4s
[CV 2/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2063.629, test=-2344.966)
total time= 2.8s
[CV 4/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1857.348, test=-2621.113)
total time= 2.7s
[CV 2/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1449.284, test=-2411.501)
total time= 7.0s
[CV 5/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1305.137, test=-2783.632)
total time= 7.0s
[CV 3/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-938.299, test=-2857.166)
total time= 14.5s
[CV 1/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

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[CV 1/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-413.496, test=-2646.810)
total time= 29.2s
[CV 4/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-215.841, test=-2830.653)
total time= 35.9s
[CV 3/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2179.062, test=-2741.859)
total time= 1.4s
[CV 5/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2238.159, test=-2731.651)
total time= 1.4s
[CV 2/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2063.629, test=-2345.309)
total time= 2.8s
[CV 4/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1857.348, test=-2622.095)
total time= 2.7s
[CV 2/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1471.904, test=-2390.218)
total time= 7.1s
[CV 5/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1341.454, test=-2772.889)
total time= 7.0s
[CV 3/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-938.299, test=-2860.049)
total time= 14.6s
[CV 1/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-413.496, test=-2641.156)
total time= 29.3s

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[CV 4/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 4/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-222.422, test=-2845.880) total time= 36.4s

[CV 1/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 1/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-2217.122, test=-2409.349) total time= 1.2s

[CV 3/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-2166.817, test=-2742.737) total time= 1.2s

[CV 5/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 4/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 4/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-734.893, test=-2761.359) total time= 14.6s

[CV 2/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 2/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-287.337, test=-2483.985) total time= 29.3s

[CV 5/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 5/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-210.166, test=-2908.121) total time= 37.0s

[CV 2/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 2/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-1499.992, test=-2395.895) total time= 7.1s

[CV 5/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 5/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-1318.614, test=-2815.097) total time= 7.1s

[CV 3/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 3/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-942.431, test=-2832.958) total time= 14.5s

[CV 1/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200
[CV 1/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-406.360, test=-2643.321)
total time= 29.4s
[CV 4/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-222.422, test=-2842.568)
total time= 36.3s
[CV 4/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2176.779, test=-2604.892)
total time= 1.4s
[CV 1/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1980.217, test=-2485.822)
total time= 2.8s
[CV 3/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1905.124, test=-2748.800)
total time= 2.8s
[CV 1/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1387.698, test=-2552.849)
total time= 7.1s
[CV 4/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1349.990, test=-2664.350)
total time= 7.1s
[CV 2/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-893.643, test=-2445.604)
total time= 14.4s
[CV 5/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-847.031, test=-2828.911)
total time= 14.5s
[CV 1/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-284.218, test=-2649.557)

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total time= 36.5s
[CV 4/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-37.478, test=-2850.364)
total time= 1.2min
[CV 2/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-236.239, test=-2460.753)
total time= 36.2s
[CV 5/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-62.152, test=-2953.614)
total time= 1.2min
[CV 3/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-275.174, test=-2898.889)
total time= 36.6s
[CV 1/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2397.273, test=-2416.247)
total time= 0.6s
[CV 2/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2432.575, test=-2339.851)
total time= 0.6s
[CV 3/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2332.643, test=-2720.977)
total time= 0.6s
[CV 4/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2366.687, test=-2579.605)
total time= 0.6s
[CV 5/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2316.283, test=-2666.340)
total time= 0.6s
[CV 2/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 2/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2274.002, test=-2368.324)
total time= 1.2s
[CV 4/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2179.155, test=-2594.389)
total time= 1.2s
[CV 1/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1762.102, test=-2496.157)
total time= 3.1s
[CV 3/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-852.392, test=-2404.584)
total time= 14.3s
[CV 5/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-860.711, test=-2855.530)
total time= 14.5s
[CV 1/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-284.218, test=-2650.630)
total time= 36.4s
[CV 4/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-37.478, test=-2847.511)
total time= 1.2min
[CV 2/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-238.973, test=-2453.692)
total time= 35.9s
[CV 5/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-56.413, test=-2905.951)
total time= 1.2min
[CV 3/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-275.174, test=-2900.788)
total time= 36.6s

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[CV 1/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2265.444, test=-2465.026)
total time= 1.4s
[CV 2/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2357.072, test=-2334.761)
total time= 1.4s
[CV 4/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2176.779, test=-2604.653)
total time= 1.4s
[CV 1/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1980.580, test=-2483.015)
total time= 2.8s
[CV 3/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1905.124, test=-2751.363)
total time= 2.8s
[CV 1/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1413.661, test=-2550.391)
total time= 7.1s
[CV 4/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1339.997, test=-2673.758)
total time= 7.0s
[CV 2/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-857.758, test=-2431.012)
total time= 14.3s
[CV 5/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-847.827, test=-2831.551)
total time= 14.5s
[CV 1/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250;; score=(train=-284.218, test=-2641.613)
total time= 36.7s
[CV 4/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-37.478, test=-2855.265)
total time= 1.2min
[CV 4/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-106.033, test=-3002.012)
total time= 30.8s
[CV 2/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-487.389, test=-2652.378)
total time= 15.3s
[CV 5/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-106.025, test=-2944.844)
total time= 30.8s
[CV 4/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-506.211, test=-2890.046)
total time= 15.2s
[CV 3/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2336.839, test=-2720.123)
total time= 0.6s
[CV 5/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2320.300, test=-2674.045)
total time= 0.6s
[CV 2/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2285.559, test=-2351.847)
total time= 1.2s
[CV 5/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2166.116, test=-2722.751)
total time= 1.2s
[CV 3/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50
[CV 3/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1817.794, test=-2773.911)
total time= 3.0s
[CV 1/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1354.914, test=-2607.854)
total time= 6.1s
[CV 4/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1273.564, test=-2751.335)
total time= 6.1s
[CV 1/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-27.299, test=-2585.410)
total time= 1.2min
[CV 3/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-298.560, test=-2902.983)
total time= 29.5s
[CV 2/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-22.858, test=-2473.040)
total time= 1.2min
[CV 3/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-285.736, test=-2912.565)
total time= 29.4s
[CV 1/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-30.294, test=-2564.628)
total time= 1.2min
[CV 3/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-412.994, test=-2889.301)
total time= 29.0s
[CV 1/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-48.389, test=-2657.881)

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total time= 1.2min
[CV 3/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-418.224, test=-2905.393)
total time= 29.5s
[CV 2/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-40.342, test=-2478.529)
total time= 1.2min
[CV 3/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-412.994, test=-2888.363)
total time= 29.2s
[CV 1/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-48.389, test=-2661.904)
total time= 1.2min
[CV 3/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-437.954, test=-2902.873)
total time= 29.5s
[CV 1/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-48.389, test=-2658.621)
total time= 1.2min
[CV 4/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-477.885, test=-2953.302)
total time= 15.2s
[CV 1/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2399.454, test=-2416.090)
total time= 0.6s
[CV 2/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2432.876, test=-2339.392)
total time= 0.6s
[CV 4/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

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[CV 4/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2366.687, test=-2571.812)
total time= 0.6s
[CV 1/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2204.699, test=-2426.940)
total time= 1.2s
[CV 3/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2167.098, test=-2737.608)
total time= 1.2s
[CV 5/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2143.412, test=-2698.997)
total time= 1.2s
[CV 3/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1758.861, test=-2846.640)
total time= 3.0s
[CV 1/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1279.607, test=-2575.479)
total time= 6.1s
[CV 4/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1229.373, test=-2815.465)
total time= 6.2s
[CV 4/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-633.014, test=-2880.230)
total time= 12.3s
[CV 2/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-106.493, test=-2695.920)
total time= 30.6s
[CV 3/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-697.792, test=-3030.943)
total time= 12.2s

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[CV 1/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 1/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-121.137, test=-2742.562) total time= 30.3s

[CV 2/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 2/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-738.041, test=-2592.129) total time= 12.2s

[CV 5/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=250

[CV 4/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 4/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-37.023, test=-2863.196) total time= 1.2min

[CV 2/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 2/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-243.053, test=-2429.299) total time= 36.3s

[CV 5/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 5/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-58.499, test=-2905.663) total time= 1.2min

[CV 2/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 2/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1838.157, test=-2418.275) total time= 3.0s

[CV 5/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 5/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1783.440, test=-2773.399) total time= 3.0s

[CV 3/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 3/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-1268.366, test=-2933.342) total time= 6.1s

[CV 2/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 2/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-674.133, test=-2599.515) total time= 12.4s

[CV 4/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250
[CV 4/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-463.219, test=-2906.306)
total time= 15.4s
[CV 3/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2336.839, test=-2720.123)
total time= 0.6s
[CV 1/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2229.543, test=-2431.512)
total time= 1.2s
[CV 4/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2207.139, test=-2582.100)
total time= 1.2s
[CV 2/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1821.464, test=-2507.664)
total time= 3.1s
[CV 5/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1715.574, test=-2785.536)
total time= 3.1s
[CV 3/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1273.676, test=-2937.070)
total time= 6.2s
[CV 1/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-704.137, test=-2669.190)
total time= 12.3s
[CV 3/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-510.061, test=-3019.333)
total time= 15.2s
[CV 1/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2410.031, test=-2412.924)

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total time= 0.6s
[CV 2/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2449.901, test=-2332.782)
total time= 0.6s
[CV 4/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2378.848, test=-2564.363)
total time= 0.6s
[CV 1/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2232.661, test=-2434.517)
total time= 1.2s
[CV 4/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2214.069, test=-2585.630)
total time= 1.2s
[CV 2/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1892.779, test=-2437.489)
total time= 3.0s
[CV 5/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1764.651, test=-2822.646)
total time= 3.1s
[CV 3/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1312.643, test=-2864.778)
total time= 6.0s
[CV 1/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-747.141, test=-2697.510)
total time= 12.1s
[CV 3/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-551.369, test=-2946.787)
total time= 15.0s
[CV 1/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

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[CV 1/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2399.294, test=-2421.036)
total time= 0.6s

[CV 2/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 2/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2446.388, test=-2339.781)
total time= 0.6s

[CV 5/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 5/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-374.227, test=-2921.570)
total time= 29.6s

[CV 3/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 3/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-53.177, test=-2920.461)
total time= 1.2min

[CV 5/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 5/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-392.571, test=-2860.826)
total time= 29.2s

[CV 3/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 3/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-50.015, test=-2916.523)
total time= 1.2min

[CV 5/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 5/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-385.903, test=-2898.875)
total time= 29.1s

[CV 3/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 3/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-53.177, test=-2922.331)
total time= 1.2min

[CV 5/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 5/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-483.444, test=-2901.241)
total time= 15.1s

[CV 3/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 3/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2332.643, test=-2720.977)
total time= 0.6s

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[CV 5/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2316.365, test=-2666.356)
total time= 0.6s
[CV 2/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2262.134, test=-2348.580)
total time= 1.2s
[CV 4/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2179.243, test=-2599.429)
total time= 1.2s
[CV 1/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1817.587, test=-2474.265)
total time= 3.0s
[CV 4/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1765.756, test=-2720.190)
total time= 3.0s
[CV 2/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1291.460, test=-2507.409)
total time= 6.1s
[CV 1/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-667.312, test=-2656.369)
total time= 12.2s
[CV 3/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-475.433, test=-3050.000)
total time= 15.3s
[CV 1/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2410.031, test=-2416.060)
total time= 0.6s
[CV 2/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10;; score=(train=-2445.337, test=-2338.427)
total time= 0.6s
[CV 5/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2316.364, test=-2666.356)
total time= 0.6s
[CV 3/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2208.776, test=-2735.957)
total time= 1.2s
[CV 1/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1832.239, test=-2509.168)
total time= 3.1s
[CV 4/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1772.764, test=-2663.199)
total time= 3.1s
[CV 2/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1330.132, test=-2600.566)
total time= 6.1s
[CV 5/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1230.939, test=-2863.430)
total time= 6.1s
[CV 1/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-509.472, test=-2704.416)
total time= 15.1s
[CV 4/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-114.102, test=-2926.902)
total time= 30.4s
[CV 2/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-563.905, test=-2614.127)
total time= 15.2s
[CV 5/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=500
[CV 5/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-137.577, test=-3021.833)
total time= 30.6s
[CV 3/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250[CV 4/5; 984/2352] END learning_rate=0.1,
max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;;
score=(train=-805.869, test=-2752.265) total time= 14.4s
[CV 4/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-307.963, test=-2819.152)
total time= 28.8s
[CV 2/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-45.854, test=-2497.938)
total time= 1.2min
[CV 2/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-364.568, test=-2490.863)
total time= 29.0s
[CV 1/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-47.992, test=-2663.042)
total time= 1.2min
[CV 2/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-371.605, test=-2431.010)
total time= 28.9s
[CV 5/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-271.999, test=-2926.231)
total time= 36.8s
[CV 5/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1923.249, test=-2744.690)
total time= 2.8s
[CV 3/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1376.413, test=-2802.187)
total time= 7.1s

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[CV 1/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 1/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-889.695, test=-2606.751) total time= 14.5s
[CV 4/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 4/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-805.870, test=-2756.080) total time= 14.3s
[CV 4/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 4/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-321.793, test=-2825.429) total time= 28.7s
[CV 2/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 2/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-46.259, test=-2450.231) total time= 1.2min
[CV 3/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 3/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-471.914, test=-2987.961) total time= 15.3s
[CV 5/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 5/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-111.369, test=-2929.260) total time= 30.6s
[CV 5/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 5/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-492.310, test=-2930.161) total time= 15.3s
[CV 4/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10
[CV 4/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10;; score=(train=-2376.686, test=-2563.560) total time= 0.6s
[CV 2/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 2/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-2289.304, test=-2352.552) total time= 1.2s
[CV 5/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 5/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20;; score=(train=-2144.296, test=-2703.525)
total time= 1.2s
[CV 3/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1778.331, test=-2846.125)
total time= 3.1s
[CV 1/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1319.986, test=-2612.160)
total time= 6.2s
[CV 4/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1265.631, test=-2766.169)
total time= 6.1s
[CV 4/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-682.393, test=-2862.648)
total time= 12.2s
[CV 2/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-131.576, test=-2779.975)
total time= 30.4s
[CV 3/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-744.335, test=-2935.193)
total time= 12.3s
[CV 1/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-143.982, test=-2729.332)
total time= 30.4s
[CV 2/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-734.061, test=-2612.450)
total time= 12.2s
[CV 5/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-525.293, test=-2887.572)
total time= 15.2s
[CV 3/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20

[CV 5/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2143.328, test=-2701.109)
total time= 1.2s
[CV 2/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1856.726, test=-2451.362)
total time= 3.1s
[CV 4/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1758.464, test=-2724.112)
total time= 3.1s
[CV 2/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1332.340, test=-2559.608)
total time= 6.2s
[CV 5/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1273.401, test=-2825.771)
total time= 6.2s
[CV 3/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-640.189, test=-2962.505)
total time= 12.3s
[CV 1/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-494.756, test=-2655.001)
total time= 15.2s
[CV 2/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-122.187, test=-2699.993)
total time= 30.4s
[CV 3/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-642.006, test=-3024.444)
total time= 12.8s
[CV 1/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500;; score=(train=-109.298, test=-2705.330)
total time= 30.5s
[CV 2/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-743.032, test=-2714.657)
total time= 12.2s
[CV 5/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-495.207, test=-2915.846)
total time= 15.3s
[CV 3/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2208.776, test=-2735.568)
total time= 1.2s
[CV 1/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1832.235, test=-2507.558)
total time= 3.1s
[CV 4/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1794.494, test=-2660.131)
total time= 3.1s
[CV 2/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1350.637, test=-2519.323)
total time= 6.1s
[CV 5/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1302.102, test=-2931.791)
total time= 6.1s
[CV 1/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-554.425, test=-2713.494)
total time= 15.2s
[CV 4/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-138.787, test=-2944.430)
total time= 30.5s
[CV 2/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 2/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-546.087, test=-2606.233)
total time= 15.2s
[CV 5/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-128.683, test=-2918.437)
total time= 30.2s
[CV 3/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-527.592, test=-3007.286)
total time= 15.1s
[CV 1/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2399.294, test=-2421.474)
total time= 0.6s
[CV 2/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2446.388, test=-2343.770)
total time= 0.6s
[CV 4/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2381.270, test=-2561.487)
total time= 0.6s
[CV 1/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2225.863, test=-2480.025)
total time= 1.2s
[CV 3/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2182.462, test=-2740.839)
total time= 1.2s
[CV 1/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1807.627, test=-2529.146)
total time= 3.0s
[CV 4/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-47.550, test=-2483.948)

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total time= 1.2min
[CV 2/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-351.623, test=-2468.266)
total time= 28.9s
[CV 5/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-271.999, test=-2922.804)
total time= 36.8s
[CV 5/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1748.886, test=-2777.478)
total time= 3.1s
[CV 3/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1246.962, test=-2911.212)
total time= 6.2s
[CV 1/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-672.933, test=-2627.146)
total time= 12.3s
[CV 4/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-649.230, test=-2966.921)
total time= 12.2s
[CV 2/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-530.087, test=-2651.206)
total time= 15.2s
[CV 3/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-105.318, test=-3013.659)
total time= 30.5s
[CV 1/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-480.519, test=-2662.293)
total time= 15.3s
[CV 4/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

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[CV 4/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-103.364, test=-2921.153)
total time= 30.5s
[CV 2/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-559.690, test=-2732.795)
total time= 15.2s
[CV 5/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-120.579, test=-2893.973)
total time= 30.3s
[CV 4/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-547.504, test=-2904.747)
total time= 15.2s
[CV 3/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2333.321, test=-2707.790)
total time= 0.6s
[CV 5/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2341.779, test=-2676.433)
total time= 0.6s
[CV 3/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2182.462, test=-2744.126)
total time= 1.2s
[CV 1/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1807.627, test=-2532.439)
total time= 3.1s
[CV 4/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1780.340, test=-2718.182)
total time= 3.1s
[CV 2/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1358.716, test=-2554.895)
total time= 6.1s

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[CV 5/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1279.058, test=-2807.570)
total time= 6.1s
[CV 1/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-516.801, test=-2745.329)
total time= 15.2s
[CV 4/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-127.112, test=-3032.988)
total time= 30.4s
[CV 2/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-546.087, test=-2626.396)
total time= 15.1s
[CV 5/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-146.292, test=-2924.669)
total time= 30.4s
[CV 3/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-527.592, test=-3019.954)
total time= 15.2s
[CV 1/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2399.312, test=-2421.035)
total time= 0.6s
[CV 2/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2446.621, test=-2345.199)
total time= 0.6s
[CV 4/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2382.084, test=-2560.953)
total time= 0.6s
[CV 5/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-535.652, test=-2991.019)
total time= 15.1s

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[CV 1/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2225.881, test=-2480.250)
total time= 1.2s
[CV 4/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2219.170, test=-2602.943)
total time= 1.2s
[CV 2/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1828.448, test=-2462.570)
total time= 3.0s
[CV 5/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1757.898, test=-2788.200)
total time= 3.0s
[CV 3/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1271.632, test=-2936.163)
total time= 6.1s
[CV 1/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-701.873, test=-2672.579)
total time= 12.1s
[CV 4/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-499.261, test=-2971.328)
total time= 15.1s
[CV 1/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2225.881, test=-2481.471)
total time= 1.2s
[CV 4/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2219.170, test=-2603.895)
total time= 1.2s
[CV 2/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-1828.448, test=-2456.086)
total time= 3.0s
[CV 5/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1757.896, test=-2780.685)
total time= 3.0s
[CV 3/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1318.144, test=-2936.217)
total time= 6.1s
[CV 1/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-705.893, test=-2670.530)
total time= 12.1s
[CV 4/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-499.261, test=-2990.512)
total time= 15.1s
[CV 3/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2333.321, test=-2707.790)
total time= 0.6s
[CV 5/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2341.779, test=-2676.421)
total time= 0.6s
[CV 2/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2252.794, test=-2370.837)
total time= 1.2s
[CV 4/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2219.170, test=-2604.095)
total time= 1.2s
[CV 2/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1828.448, test=-2453.899)
total time= 3.1s
[CV 5/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50
[CV 5/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1757.872, test=-2784.021)
total time= 3.1s
[CV 3/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1303.122, test=-2915.067)
total time= 6.1s
[CV 1/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-705.893, test=-2662.852)
total time= 12.1s
[CV 4/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-499.261, test=-2979.207)
total time= 15.2s
[CV 3/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2333.321, test=-2707.790)
total time= 0.6s
[CV 5/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2342.706, test=-2678.153)
total time= 0.6s
[CV 2/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2265.388, test=-2370.510)
total time= 1.2s
[CV 5/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2200.685, test=-2716.299)
total time= 1.2s
[CV 3/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1782.169, test=-2820.002)
total time= 3.1s
[CV 3/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1751.145, test=-2829.484)
total time= 3.0s
[CV 1/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100
[CV 1/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1271.110, test=-2549.419)
total time= 6.1s
[CV 4/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1228.394, test=-2854.219)
total time= 6.1s
[CV 2/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-701.084, test=-2633.309)
total time= 12.2s
[CV 5/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-649.857, test=-2898.547)
total time= 12.2s
[CV 1/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-104.486, test=-2683.685)
total time= 30.4s
[CV 5/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1261.395, test=-2846.466)
total time= 6.1s
[CV 5/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-674.093, test=-2888.275)
total time= 12.2s
[CV 3/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-108.231, test=-3080.509)
total time= 30.5s
[CV 5/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-655.080, test=-2920.501)
total time= 12.1s
[CV 3/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-126.516, test=-3058.162)

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total time= 30.4s
[CV 4/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-707.395, test=-2883.965)
total time= 12.3s
[CV 2/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-139.582, test=-2628.379)
total time= 30.7s
[CV 3/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-704.771, test=-3020.690)
total time= 12.3s
[CV 2/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-142.853, test=-2660.373)
total time= 30.3s
[CV 2/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-734.061, test=-2607.745)
total time= 12.1s
[CV 5/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-525.299, test=-2895.073)
total time= 15.2s
[CV 5/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2188.481, test=-2701.499)
total time= 1.2s
[CV 3/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1779.680, test=-2830.374)
total time= 3.0s
[CV 1/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1285.311, test=-2585.664)
total time= 6.1s
[CV 4/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

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[CV 4/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1282.739, test=-2837.465)
total time= 6.1s
[CV 5/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-714.211, test=-2893.322)
total time= 12.2s
[CV 3/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-133.276, test=-3055.204)
total time= 30.4s
[CV 4/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-718.373, test=-2894.741)
total time= 12.2s
[CV 2/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-168.544, test=-2684.632)
total time= 30.6s
[CV 3/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-801.747, test=-2961.530)
total time= 12.1s
[CV 1/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-191.049, test=-2699.962)
total time= 30.3s
[CV 2/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-788.387, test=-2603.496)
total time= 12.1s
[CV 5/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2381.270, test=-2562.443)
total time= 0.6s
[CV 2/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20;; score=(train=-2252.794, test=-2370.342)
total time= 1.2s
[CV 5/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2188.485, test=-2702.192)
total time= 1.2s
[CV 3/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1779.680, test=-2832.512)
total time= 3.0s
[CV 1/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1296.998, test=-2611.504)
total time= 6.1s
[CV 4/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1282.739, test=-2830.110)
total time= 6.1s
[CV 5/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-731.922, test=-2980.140)
total time= 12.1s
[CV 3/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-133.276, test=-3060.337)
total time= 30.2s
[CV 5/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-692.620, test=-2855.172)
total time= 12.1s
[CV 3/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-133.276, test=-3050.767)
total time= 30.2s
[CV 4/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-668.812, test=-2966.674)
total time= 12.1s
[CV 2/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500
[CV 2/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-142.853, test=-2668.028)
total time= 30.1s
[CV 2/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-773.565, test=-2602.458)
total time= 12.1s
[CV 5/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-541.978, test=-2990.678)
total time= 15.2s
[CV 4/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2210.811, test=-2560.774)
total time= 1.2s
[CV 2/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1887.755, test=-2447.032)
total time= 3.0s
[CV 5/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1783.640, test=-2832.986)
total time= 3.0s
[CV 3/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1337.071, test=-2892.456)
total time= 5.9s
[CV 1/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-804.543, test=-2649.971)
total time= 12.1s
[CV 4/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-575.910, test=-2954.495)
total time= 15.1s
[CV 4/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2380.105, test=-2559.698)

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total time= 0.6s
[CV 1/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2240.350, test=-2419.487)
total time= 1.2s
[CV 3/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2188.586, test=-2720.510)
total time= 1.2s
[CV 1/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1833.902, test=-2496.650)
total time= 3.0s
[CV 4/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1828.192, test=-2667.088)
total time= 3.0s
[CV 2/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1382.569, test=-2512.922)
total time= 6.1s
[CV 5/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1339.696, test=-2863.093)
total time= 6.1s
[CV 1/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-621.802, test=-2677.438)
total time= 15.2s
[CV 4/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-527.592, test=-3017.666)
total time= 15.2s
[CV 1/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2399.294, test=-2419.014)
total time= 0.6s
[CV 2/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

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[CV 2/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2446.388, test=-2349.598)
total time= 0.6s
[CV 3/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2333.321, test=-2707.030)
total time= 0.6s
[CV 4/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2381.270, test=-2562.443)
total time= 0.6s
[CV 5/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2341.778, test=-2678.926)
total time= 0.6s
[CV 2/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2252.794, test=-2380.817)
total time= 1.2s
[CV 5/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2188.490, test=-2697.995)
total time= 1.2s
[CV 3/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1778.045, test=-2786.866)
total time= 3.0s
[CV 1/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1296.998, test=-2605.383)
total time= 5.9s
[CV 4/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1282.739, test=-2841.861)
total time= 6.1s
[CV 4/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-668.812, test=-2968.604)
total time= 12.1s

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[CV 1/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-128.512, test=-2671.923)
total time= 30.2s
[CV 2/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-734.061, test=-2592.328)
total time= 12.1s
[CV 5/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-520.315, test=-2882.114)
total time= 15.1s
[CV 3/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2184.876, test=-2743.929)
total time= 1.2s
[CV 1/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1796.342, test=-2545.664)
total time= 3.1s
[CV 4/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1802.079, test=-2700.483)
total time= 3.1s
[CV 2/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1363.714, test=-2482.908)
total time= 6.1s
[CV 5/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1338.619, test=-2914.753)
total time= 6.1s
[CV 1/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-571.451, test=-2693.092)
total time= 15.3s
[CV 4/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500;; score=(train=-152.120, test=-2989.150)
total time= 30.2s
[CV 2/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-614.492, test=-2636.677)
total time= 15.0s
[CV 5/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-175.233, test=-2954.243)
total time= 30.1s
[CV 3/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-626.834, test=-2978.340)
total time= 15.0s
[CV 1/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2407.453, test=-2415.159)
total time= 0.6s
[CV 2/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2427.665, test=-2340.985)
total time= 0.6s
[CV 3/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2327.127, test=-2711.150)
total time= 0.6s
[CV 5/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2347.767, test=-2674.116)
total time= 0.6s[CV 3/5; 1045/2352] END learning_rate=0.25, max_depth=3,
min_samples_leaf=5, min_samples_split=5, n_estimators=20;;
score=(train=-2182.462, test=-2740.801) total time= 1.2s
[CV 1/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1807.628, test=-2529.653)
total time= 3.0s
[CV 4/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1780.340, test=-2723.466)

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total time= 3.0s
[CV 2/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1358.716, test=-2556.658)
total time= 6.1s
[CV 5/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1279.062, test=-2812.294)
total time= 6.1s
[CV 1/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-515.127, test=-2692.841)
total time= 15.0s
[CV 4/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-127.112, test=-3031.210)
total time= 30.4s
[CV 2/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-546.087, test=-2621.183)
total time= 15.2s
[CV 5/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-144.576, test=-2924.432)
total time= 30.3s
[CV 3/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-565.480, test=-3051.428)
total time= 14.7s
[CV 1/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2405.047, test=-2403.625)
total time= 0.6s
[CV 2/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2427.665, test=-2326.412)
total time= 0.6s
[CV 3/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

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[CV 3/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2327.127, test=-2711.150)
total time= 0.6s
[CV 4/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2380.105, test=-2558.952)
total time= 0.6s
[CV 1/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2260.883, test=-2422.109)
total time= 1.2s
[CV 3/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2188.586, test=-2719.978)
total time= 1.2s
[CV 1/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1874.475, test=-2503.577)
total time= 3.0s
[CV 4/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1834.600, test=-2658.503)
total time= 3.0s
[CV 2/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1382.569, test=-2505.150)
total time= 6.0s
[CV 5/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1339.696, test=-2869.750)
total time= 6.0s
[CV 1/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-609.364, test=-2664.207)
total time= 15.1s
[CV 4/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-173.993, test=-2944.979)
total time= 30.4s

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[CV 2/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 2/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-614.492, test=-2643.159)
total time= 15.2s
[CV 5/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 5/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-175.233, test=-2965.488)
total time= 30.2s
[CV 3/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 3/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-626.834, test=-2982.386)
total time= 15.1s
[CV 1/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 1/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2407.453, test=-2415.180)
total time= 0.6s
[CV 2/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 2/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2427.665, test=-2335.114)
total time= 0.6s
[CV 3/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 3/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2327.127, test=-2711.150)
total time= 0.6s
[CV 5/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 5/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2347.767, test=-2674.116)
total time= 0.6s
[CV 4/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-1780.340, test=-2721.533)
total time= 3.0s
[CV 2/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 2/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-1358.716, test=-2557.912)
total time= 6.1s
[CV 5/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 5/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-1273.396, test=-2909.718)
total time= 6.1s

[CV 1/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 1/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-536.387, test=-2685.724) total time= 15.2s
[CV 4/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 4/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-127.112, test=-3028.962) total time= 30.2s
[CV 2/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 2/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-607.055, test=-2613.123) total time= 14.9s
[CV 5/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 5/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-150.486, test=-2982.987) total time= 30.3s
[CV 3/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 3/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-626.834, test=-2979.734) total time= 15.1s
[CV 1/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 1/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2407.453, test=-2415.466) total time= 0.6s
[CV 2/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2427.665, test=-2326.412) total time= 0.6s
[CV 3/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 3/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2327.127, test=-2711.150) total time= 0.6s
[CV 5/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 5/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2347.767, test=-2674.116) total time= 0.6s
[CV 2/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 2/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,


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min_samples_split=5, n_estimators=20;; score=(train=-2293.109, test=-2364.149)
total time= 1.2s
[CV 4/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2210.819, test=-2563.711)
total time= 1.3s
[CV 2/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1887.755, test=-2437.657)
total time= 3.0s
[CV 5/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1783.640, test=-2832.873)
total time= 3.0s
[CV 3/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1337.071, test=-2895.891)
total time= 6.1s
[CV 1/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-779.784, test=-2615.740)
total time= 12.1s
[CV 4/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-575.910, test=-2951.277)
total time= 15.2s
[CV 4/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2380.105, test=-2558.952)
total time= 0.6s
[CV 1/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2240.350, test=-2419.487)
total time= 1.2s
[CV 3/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2188.586, test=-2720.510)
total time= 1.2s
[CV 1/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 1/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1844.071, test=-2503.379)
total time= 3.0s
[CV 4/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1834.600, test=-2658.737)
total time= 3.1s
[CV 2/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1382.569, test=-2513.763)
total time= 6.1s
[CV 5/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1339.696, test=-2863.225)
total time= 6.1s
[CV 1/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-633.471, test=-2656.988)
total time= 15.1s
[CV 4/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-187.415, test=-2970.133)
total time= 30.2s
[CV 2/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-700.673, test=-3012.379)
total time= 12.3s
[CV 3/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-148.284, test=-2968.199)
total time= 30.3s
[CV 4/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-668.812, test=-2965.963)
total time= 12.1s
[CV 1/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

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[CV 1/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-128.512, test=-2678.114)
total time= 30.5s

[CV 3/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 3/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-704.771, test=-3023.931)
total time= 12.2s

[CV 2/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 2/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-142.853, test=-2670.394)
total time= 30.6s

[CV 3/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 3/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-710.363, test=-3044.037)
total time= 12.2s

[CV 1/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 1/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-139.886, test=-2747.781)
total time= 30.5s

[CV 3/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 3/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-750.461, test=-3024.355)
total time= 12.3s

[CV 1/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 1/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-157.977, test=-2744.849)
total time= 30.7s

[CV 2/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-788.387, test=-2605.792)
total time= 12.1s

[CV 5/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 5/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-602.110, test=-2956.759)
total time= 15.3s

[CV 5/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 5/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2194.680, test=-2746.848)
total time= 1.2s

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[CV 3/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1801.978, test=-2812.846)
total time= 3.1s
[CV 1/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1389.420, test=-2592.734)
total time= 6.1s
[CV 4/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1315.168, test=-2802.311)
total time= 6.1s
[CV 5/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-760.059, test=-2913.559)
total time= 12.2s
[CV 3/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-187.074, test=-3029.096)
total time= 29.9s
[CV 4/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-765.323, test=-2891.766)
total time= 12.1s
[CV 2/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-191.656, test=-2648.857)
total time= 30.0s
[CV 3/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-801.747, test=-2963.011)
total time= 12.0s
[CV 5/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-584.022, test=-2926.836)
total time= 15.0s
[CV 3/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-2203.893, test=-2773.758)
total time= 1.2s
[CV 1/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1852.061, test=-2549.415)
total time= 3.0s
[CV 4/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1822.198, test=-2671.226)
total time= 3.0s
[CV 2/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1454.277, test=-2510.032)
total time= 6.0s
[CV 5/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1340.089, test=-2851.448)
total time= 6.0s
[CV 1/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-677.861, test=-2668.455)
total time= 14.8s
[CV 1/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2225.726, test=-2473.570)
total time= 1.2s
[CV 4/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2223.047, test=-2595.291)
total time= 1.2s
[CV 2/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1882.557, test=-2430.171)
total time= 3.1s
[CV 5/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1809.402, test=-2872.986)
total time= 3.0s
[CV 3/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100
[CV 3/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1304.011, test=-2966.898)
total time= 6.1s
[CV 1/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-755.488, test=-2671.943)
total time= 12.2s
[CV 4/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-538.805, test=-2921.118)
total time= 15.1s
[CV 5/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2347.767, test=-2674.116)
total time= 0.6s
[CV 2/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2293.109, test=-2374.284)
total time= 1.2s
[CV 5/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2194.680, test=-2740.334)
total time= 1.2s
[CV 3/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1801.978, test=-2814.916)
total time= 3.0s
[CV 1/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1387.794, test=-2569.911)
total time= 6.2s
[CV 4/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1330.294, test=-2797.657)
total time= 6.1s
[CV 5/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-760.059, test=-2922.289)

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total time= 12.1s
[CV 3/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-187.074, test=-3034.278)
total time= 30.3s
[CV 4/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-743.218, test=-2910.679)
total time= 12.1s
[CV 2/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-191.656, test=-2664.275)
total time= 30.3s
[CV 3/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-801.747, test=-2961.324)
total time= 12.2s
[CV 1/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-191.049, test=-2699.222)
total time= 30.2s
[CV 2/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-788.387, test=-2605.431)
total time= 12.0s
[CV 1/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-190.392, test=-2701.082)
total time= 30.1s
[CV 2/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-882.179, test=-2604.723)
total time= 12.1s
[CV 5/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-632.090, test=-2942.215)
total time= 15.2s
[CV 3/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

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[CV 3/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2203.893, test=-2773.758)
total time= 1.2s
[CV 1/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1852.061, test=-2550.616)
total time= 3.0s
[CV 4/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1822.198, test=-2672.722)
total time= 3.1s
[CV 2/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1454.277, test=-2513.663)
total time= 6.1s
[CV 5/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1340.089, test=-2843.082)
total time= 6.1s
[CV 4/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-187.415, test=-2970.709)
total time= 30.0s
[CV 2/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-614.492, test=-2644.032)
total time= 15.0s
[CV 5/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-179.074, test=-3007.222)
total time= 30.0s
[CV 3/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-626.834, test=-2987.251)
total time= 14.9s
[CV 1/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2407.476, test=-2434.371)
total time= 0.6s
[CV 2/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

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[CV 2/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2442.606, test=-2323.304)
total time= 0.6s

[CV 3/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 3/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2335.529, test=-2714.934)
total time= 0.6s

[CV 4/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 4/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2376.070, test=-2569.898)
total time= 0.6s

[CV 1/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 1/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2234.769, test=-2463.061)
total time= 1.2s

[CV 4/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 4/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2223.472, test=-2600.674)
total time= 1.2s

[CV 2/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 2/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1923.829, test=-2423.093)
total time= 3.0s

[CV 5/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 5/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1799.829, test=-2776.019)
total time= 3.0s

[CV 3/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 3/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1406.595, test=-2944.128)
total time= 6.0s

[CV 1/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 1/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-867.623, test=-2650.145)
total time= 12.1s

[CV 4/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 4/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-632.901, test=-2976.036)
total time= 15.1s

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[CV 2/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2442.606, test=-2328.987)
total time= 0.6s
[CV 4/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2376.070, test=-2569.898)
total time= 0.6s
[CV 1/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2234.769, test=-2465.174)
total time= 1.2s
[CV 4/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2223.472, test=-2598.013)
total time= 1.2s
[CV 2/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1923.829, test=-2424.666)
total time= 3.0s
[CV 5/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1799.829, test=-2787.933)
total time= 3.0s
[CV 3/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1406.595, test=-2937.522)
total time= 6.0s
[CV 1/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-867.623, test=-2652.010)
total time= 12.2s
[CV 4/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-632.901, test=-2972.789)
total time= 15.0s
[CV 4/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10;; score=(train=-2376.070, test=-2570.127)
total time= 0.6s
[CV 1/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2234.769, test=-2464.422)
total time= 1.2s
[CV 3/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2203.893, test=-2773.974)
total time= 1.2s
[CV 1/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1852.061, test=-2547.346)
total time= 3.0s
[CV 4/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1329.396, test=-2608.202)
total time= 6.1s
[CV 4/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1290.839, test=-2830.966)
total time= 6.1s
[CV 5/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-762.325, test=-2952.263)
total time= 12.2s
[CV 3/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-154.317, test=-3078.760)
total time= 30.3s
[CV 4/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-739.347, test=-2926.150)
total time= 12.1s
[CV 2/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-191.656, test=-2652.101)

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total time= 30.3s
[CV 3/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-801.747, test=-2959.957)
total time= 12.1s
[CV 1/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-190.392, test=-2704.798)
total time= 30.3s
[CV 2/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-788.387, test=-2589.986)
total time= 12.2s
[CV 5/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-584.022, test=-2926.902)
total time= 15.1s
[CV 4/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2210.797, test=-2561.455)
total time= 1.2s
[CV 2/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1887.755, test=-2446.823)
total time= 3.0s
[CV 5/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1783.640, test=-2833.232)
total time= 3.0s
[CV 3/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1337.071, test=-2890.516)
total time= 6.0s
[CV 1/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-795.741, test=-2638.480)
total time= 12.0s
[CV 4/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

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[CV 4/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-574.073, test=-2957.026)
total time= 15.2s

[CV 5/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 5/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2347.808, test=-2681.801)
total time= 0.6s

[CV 2/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 2/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2321.594, test=-2357.620)
total time= 1.2s

[CV 5/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 5/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2192.451, test=-2695.468)
total time= 1.2s

[CV 3/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 3/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1829.121, test=-2843.613)
total time= 3.0s

[CV 1/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 1/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1406.693, test=-2611.481)
total time= 6.0s

[CV 4/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 4/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1338.767, test=-2782.413)
total time= 6.0s

[CV 4/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 4/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-819.404, test=-2913.063)
total time= 12.1s

[CV 2/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 2/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-246.953, test=-2711.828)
total time= 30.4s

[CV 3/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 3/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-833.443, test=-3003.633)
total time= 12.0s

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[CV 5/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-632.090, test=-2941.867)
total time= 15.3s
[CV 5/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2192.451, test=-2702.302)
total time= 1.2s
[CV 3/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1829.121, test=-2840.242)
total time= 3.0s
[CV 2/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2293.109, test=-2364.139)
total time= 1.2s
[CV 4/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2210.797, test=-2566.033)
total time= 1.2s
[CV 2/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1887.755, test=-2445.494)
total time= 3.0s
[CV 5/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1783.640, test=-2833.232)
total time= 3.0s
[CV 3/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1337.071, test=-2895.343)
total time= 6.0s
[CV 1/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-795.741, test=-2637.429)
total time= 12.1s
[CV 4/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-575.910, test=-2951.790)
total time= 15.1s
[CV 4/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2380.105, test=-2559.698)
total time= 0.6s
[CV 1/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2247.673, test=-2456.625)
total time= 1.2s
[CV 3/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2188.586, test=-2720.510)
total time= 1.2s
[CV 1/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1844.071, test=-2504.067)
total time= 3.0s
[CV 4/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1834.600, test=-2658.293)
total time= 3.0s
[CV 2/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1382.569, test=-2505.669)
total time= 6.0s
[CV 5/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1339.696, test=-2872.004)
total time= 6.0s
[CV 1/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-601.028, test=-2659.037)
total time= 15.0s
[CV 4/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-176.743, test=-2971.426)
total time= 30.0s
[CV 2/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250
[CV 2/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-705.065, test=-2662.250)
total time= 14.9s
[CV 5/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-219.284, test=-2988.420)
total time= 30.0s
[CV 3/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-652.373, test=-3035.364)
total time= 15.0s
[CV 1/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2407.476, test=-2434.371)
total time= 0.6s
[CV 2/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2442.606, test=-2329.395)
total time= 0.6s
[CV 3/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2335.529, test=-2714.934)
total time= 0.6s
[CV 5/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2347.808, test=-2674.987)
total time= 0.6s
[CV 2/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2321.594, test=-2344.187)
total time= 1.2s
[CV 4/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2223.472, test=-2597.734)
total time= 1.2s
[CV 2/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1923.829, test=-2426.406)

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total time= 3.0s
[CV 5/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1799.829, test=-2784.491)
total time= 3.0s
[CV 3/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1406.595, test=-2939.945)
total time= 6.0s
[CV 2/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2293.109, test=-2359.298)
total time= 1.2s
[CV 5/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2194.680, test=-2740.334)
total time= 1.2s
[CV 3/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1801.978, test=-2814.871)
total time= 3.0s
[CV 1/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1393.049, test=-2577.921)
total time= 6.0s
[CV 4/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1330.294, test=-2794.275)
total time= 6.0s
[CV 5/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-760.059, test=-2912.514)
total time= 12.1s
[CV 3/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-187.074, test=-3033.060)
total time= 30.1s
[CV 3/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

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[CV 3/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-833.443, test=-3000.247)
total time= 12.1s
[CV 1/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-241.876, test=-2704.551)
total time= 30.4s
[CV 2/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-882.179, test=-2609.635)
total time= 12.1s
[CV 1/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-241.876, test=-2705.003)
total time= 30.1s
[CV 2/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-882.179, test=-2620.244)
total time= 12.1s
[CV 5/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-632.090, test=-2946.730)
total time= 15.0s
[CV 4/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2223.472, test=-2599.384)
total time= 1.2s
[CV 3/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1829.121, test=-2842.103)
total time= 3.0s
[CV 5/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1799.829, test=-2776.165)
total time= 3.0s
[CV 3/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1406.595, test=-2944.009)
total time= 6.1s

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[CV 1/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-867.623, test=-2655.382)
total time= 12.1s
[CV 4/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-632.901, test=-2975.310)
total time= 15.1s
[CV 3/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2085.678, test=-2734.999)
total time= 1.0s
[CV 5/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2057.912, test=-2837.825)
total time= 1.0s
[CV 2/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1734.471, test=-2444.225)
total time= 2.0s
[CV 5/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1644.615, test=-2848.052)
total time= 1.9s
[CV 3/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-915.378, test=-2877.635)
total time= 4.9s
[CV 1/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-311.907, test=-2695.375)
total time= 9.8s
[CV 2/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-55.661, test=-2533.102)
total time= 19.5s
[CV 5/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250;; score=(train=-24.358, test=-3003.479)
total time= 24.5s
[CV 1/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-874.433, test=-2594.225)
total time= 4.8s
[CV 4/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-209.653, test=-3026.808)
total time= 30.5s
[CV 2/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-705.065, test=-2644.875)
total time= 15.2s
[CV 5/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-219.284, test=-2989.405)
total time= 30.3s
[CV 3/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-652.373, test=-3038.486)
total time= 15.2s
[CV 1/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2407.476, test=-2435.384)
total time= 0.6s
[CV 2/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2442.606, test=-2331.712)
total time= 0.6s
[CV 4/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2376.070, test=-2570.127)
total time= 0.6s
[CV 1/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2234.769, test=-2464.149)
total time= 1.2s
[CV 3/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 3/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2203.893, test=-2773.974)
total time= 1.2s
[CV 2/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1923.829, test=-2435.713)
total time= 3.0s
[CV 1/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1406.693, test=-2611.402)
total time= 6.1s
[CV 4/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1338.767, test=-2783.005)
total time= 6.3s
[CV 4/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-819.404, test=-2916.637)
total time= 12.2s
[CV 2/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-246.953, test=-2714.207)
total time= 30.4s
[CV 5/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-360.752, test=-2979.276)
total time= 9.9s
[CV 3/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-21.283, test=-2995.034)
total time= 24.8s
[CV 1/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2104.107, test=-2477.466)
total time= 1.0s
[CV 2/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2195.211, test=-2391.905)

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total time= 1.0s
[CV 3/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2082.766, test=-2760.107)
total time= 1.0s
[CV 4/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2082.266, test=-2636.265)
total time= 1.0s
[CV 5/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2078.946, test=-2774.020)
total time= 1.0s
[CV 1/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1661.191, test=-2545.240)
total time= 2.0s
[CV 2/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1764.595, test=-2422.109)
total time= 2.0s
[CV 3/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1589.259, test=-2848.596)
total time= 2.0s
[CV 5/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1728.565, test=-2806.753)
total time= 2.0s
[CV 3/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-907.256, test=-2934.356)
total time= 4.9s
[CV 1/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-333.576, test=-2628.630)
total time= 9.8s
[CV 4/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

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[CV 4/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-360.773, test=-2891.710)
total time= 9.8s

[CV 5/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-584.022, test=-2913.633)
total time= 15.2s

[CV 5/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 5/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2194.680, test=-2740.334)
total time= 1.2s

[CV 3/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 3/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1801.978, test=-2816.503)
total time= 3.0s

[CV 1/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 1/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1389.420, test=-2593.825)
total time= 6.0s

[CV 4/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 4/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1315.168, test=-2807.667)
total time= 6.1s

[CV 5/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 5/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-760.059, test=-2908.513)
total time= 12.2s

[CV 3/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-187.074, test=-3038.997)
total time= 30.3s

[CV 4/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-767.197, test=-2877.511)
total time= 12.1s

[CV 2/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-191.656, test=-2664.356)
total time= 30.3s

[CV 5/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 5/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-804.683, test=-2916.033)
total time= 12.2s

[CV 3/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 3/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-224.520, test=-3100.341)
total time= 30.4s

[CV 4/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 4/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-819.404, test=-2915.194)
total time= 12.2s

[CV 2/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 2/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-246.953, test=-2708.649)
total time= 30.1s

[CV 3/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 3/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-833.443, test=-3002.415)
total time= 12.0s

[CV 1/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 1/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-241.876, test=-2708.101)
total time= 30.3s

[CV 2/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 2/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-882.179, test=-2600.025)
total time= 12.1s

[CV 1/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 1/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-241.876, test=-2704.353)
total time= 30.4s

[CV 4/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 4/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-328.164, test=-2929.821)
total time= 10.0s

[CV 2/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 2/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-23.599, test=-2535.318)
total time= 24.8s


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[CV 5/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.356, test=-2983.880)
total time= 49.5s
[CV 3/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-24.568, test=-2990.813)
total time= 24.6s
[CV 1/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2123.284, test=-2457.443)
total time= 1.0s
[CV 2/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2204.365, test=-2397.034)
total time= 1.0s
[CV 3/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2076.336, test=-2727.327)
total time= 1.0s
[CV 4/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2104.867, test=-2569.342)
total time= 1.0s
[CV 1/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1776.078, test=-2495.087)
total time= 1.9s
[CV 3/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1800.786, test=-2776.436)
total time= 1.9s
[CV 5/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1643.108, test=-2870.162)
total time= 1.9s
[CV 3/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-614.492, test=-2635.192)
total time= 15.1s
[CV 5/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-175.233, test=-2965.852)
total time= 30.3s
[CV 3/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-652.373, test=-3042.342)
total time= 15.1s
[CV 1/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2407.476, test=-2434.720)
total time= 0.6s
[CV 3/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2335.529, test=-2714.913)
total time= 0.6s
[CV 5/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2347.808, test=-2681.801)
total time= 0.6s
[CV 2/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2321.594, test=-2357.482)
total time= 1.2s
[CV 5/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2192.451, test=-2704.302)
total time= 1.2s
[CV 3/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1829.121, test=-2842.543)
total time= 3.0s
[CV 1/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1406.693, test=-2609.079)
total time= 6.1s
[CV 4/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=100
[CV 4/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1338.767, test=-2781.112)
total time= 6.1s
[CV 5/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-804.683, test=-2918.706)
total time= 12.1s
[CV 3/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-224.520, test=-3088.648)
total time= 30.0s
[CV 4/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-819.404, test=-2916.205)
total time= 12.1s
[CV 2/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-246.953, test=-2720.759)
total time= 30.3s
[CV 3/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-833.443, test=-3000.721)
total time= 12.0s
[CV 5/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-632.090, test=-2930.182)
total time= 15.0s
[CV 3/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1700.287, test=-2773.950)
total time= 2.0s
[CV 1/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-886.996, test=-2646.602)
total time= 4.8s
[CV 4/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-908.925, test=-2888.987)

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total time= 4.9s
[CV 2/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-337.280, test=-2565.930)
total time= 9.8s
[CV 3/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-57.062, test=-2970.748)
total time= 19.6s
[CV 1/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.380, test=-2696.771)
total time= 49.1s
[CV 3/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-61.834, test=-3002.320)
total time= 19.8s
[CV 1/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.341, test=-2632.109)
total time= 49.5s
[CV 3/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-102.434, test=-2971.900)
total time= 19.9s
[CV 1/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.840, test=-2664.193)
total time= 49.5s
[CV 2/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-118.831, test=-2619.358)
total time= 19.8s
[CV 5/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1406.693, test=-2609.793)
total time= 6.1s

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[CV 4/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1338.767, test=-2782.763)
total time= 6.1s
[CV 5/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-804.683, test=-2920.749)
total time= 12.1s
[CV 3/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-224.520, test=-3091.577)
total time= 30.8s
[CV 5/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-804.683, test=-2919.086)
total time= 12.1s
[CV 3/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-224.520, test=-3091.206)
total time= 30.4s
[CV 1/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-53.676, test=-2707.460)
total time= 19.9s
[CV 4/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-20.489, test=-2963.083)
total time= 24.8s
[CV 4/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1657.899, test=-2705.771)
total time= 2.0s
[CV 2/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-978.923, test=-2517.191)
total time= 4.9s
[CV 5/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50;; score=(train=-929.425, test=-2946.099)
total time= 4.7s
[CV 3/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-355.355, test=-2981.461)
total time= 9.9s
[CV 1/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-56.186, test=-2649.077)
total time= 19.7s
[CV 4/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-24.408, test=-2934.680)
total time= 24.7s
[CV 5/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2066.705, test=-2799.207)
total time= 1.0s
[CV 2/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1851.853, test=-2508.963)
total time= 2.0s
[CV 4/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1713.138, test=-2670.073)
total time= 1.9s
[CV 1/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1029.897, test=-2598.147)
total time= 4.9s
[CV 4/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1038.440, test=-2806.809)
total time= 4.9s
[CV 2/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-432.276, test=-2635.361)
total time= 9.8s
[CV 5/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 5/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-400.772, test=-3025.576)
total time= 9.8s
[CV 1/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-34.549, test=-2667.870)
total time= 24.4s
[CV 4/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.995, test=-2843.378)
total time= 48.7s
[CV 2/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-62.500, test=-2586.595)
total time= 24.4s
[CV 5/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-2.308, test=-3088.696)
total time= 49.1s
[CV 3/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-60.533, test=-3026.398)
total time= 24.4s
[CV 1/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2170.846, test=-2497.998)
total time= 1.0s
[CV 2/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2212.846, test=-2363.371)
total time= 1.0s
[CV 4/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1822.198, test=-2672.957)
total time= 3.0s
[CV 2/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1454.277, test=-2499.158)
total time= 6.0s
[CV 5/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100
[CV 5/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1340.089, test=-2837.899)
total time= 6.0s
[CV 1/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-677.861, test=-2669.732)
total time= 14.9s
[CV 4/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-209.653, test=-3022.094)
total time= 30.1s
[CV 2/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-705.065, test=-2645.680)
total time= 15.0s
[CV 5/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-219.284, test=-2977.572)
total time= 30.0s
[CV 1/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-23.787, test=-2681.409)
total time= 24.5s
[CV 4/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.270, test=-3013.359)
total time= 48.9s
[CV 2/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-29.077, test=-2606.632)
total time= 24.4s
[CV 5/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.422, test=-2954.327)
total time= 49.0s
[CV 3/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-45.977, test=-2975.170)

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total time= 24.4s
[CV 1/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2188.548, test=-2483.295)
total time= 1.0s
[CV 2/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2224.322, test=-2374.802)
total time= 1.0s
[CV 3/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2090.550, test=-2745.472)
total time= 1.0s
[CV 5/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2089.155, test=-2798.134)
total time= 1.0s
[CV 2/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1876.060, test=-2449.449)
total time= 1.9s
[CV 4/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1693.644, test=-2718.650)
total time= 1.9s
[CV 1/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1073.015, test=-2638.950)
total time= 4.9s
[CV 4/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1005.872, test=-2842.500)
total time= 4.9s
[CV 2/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-513.638, test=-2597.146)
total time= 9.7s
[CV 5/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

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[CV 5/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-505.149, test=-3095.639)
total time= 9.8s
[CV 1/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-62.870, test=-2716.989)
total time= 24.5s
[CV 4/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-2.057, test=-2956.704)
total time= 49.0s
[CV 2/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-48.946, test=-2559.390)
total time= 24.5s
[CV 5/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-2.341, test=-3096.141)
total time= 49.0s
[CV 3/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-54.803, test=-3015.695)
total time= 24.5s
[CV 1/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2192.980, test=-2481.008)
total time= 1.0s
[CV 2/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-885.061, test=-2860.490)
total time= 5.0s
[CV 2/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-369.166, test=-2604.649)
total time= 9.8s
[CV 5/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=100;; score=(train=-337.763, test=-3021.591)
total time= 9.8s
[CV 1/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-23.457, test=-2655.951)
total time= 24.6s
[CV 4/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.326, test=-2940.034)
total time= 49.3s
[CV 2/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-44.395, test=-2634.100)
total time= 24.5s
[CV 5/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.981, test=-3064.664)
total time= 49.3s
[CV 3/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-61.691, test=-3032.201)
total time= 24.6s
[CV 1/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2170.747, test=-2499.659)
total time= 1.0s
[CV 2/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2212.846, test=-2365.903)
total time= 1.0s
[CV 3/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2083.367, test=-2783.046)
total time= 1.0s
[CV 5/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2113.871, test=-2723.507)
total time= 1.0s
[CV 2/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20
[CV 2/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1864.749, test=-2393.613)
total time= 2.0s
[CV 4/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1723.417, test=-2720.791)
total time= 1.9s
[CV 1/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1012.974, test=-2625.980)
total time= 4.9s
[CV 4/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-973.537, test=-2906.250)
total time= 4.9s
[CV 2/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-454.461, test=-2566.627)
total time= 9.7s
[CV 5/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-458.725, test=-3060.763)
total time= 9.8s
[CV 1/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-56.186, test=-2739.235)
total time= 24.5s
[CV 4/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1.952, test=-3050.489)
total time= 48.8s
[CV 2/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-48.946, test=-2549.573)
total time= 24.3s
[CV 5/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-2.073, test=-2992.014)

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total time= 48.8s
[CV 3/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-55.044, test=-2952.140)
total time= 24.5s
[CV 1/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2233.944, test=-2459.820)
total time= 1.0s
[CV 2/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2201.537, test=-2381.329)
total time= 1.0s
[CV 3/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2040.766, test=-2810.679)
total time= 1.0s
[CV 5/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2061.142, test=-2755.624)
total time= 1.0s
[CV 2/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1861.906, test=-2441.124)
total time= 2.0s
[CV 4/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1082.952, test=-2881.083)
total time= 4.9s
[CV 1/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-400.324, test=-2685.431)
total time= 9.7s
[CV 4/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-464.192, test=-2823.114)
total time= 9.7s
[CV 2/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

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[CV 2/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-92.912, test=-2639.028)
total time= 19.6s

[CV 5/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 5/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-43.198, test=-3028.540)
total time= 24.8s

[CV 2/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 2/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1096.418, test=-2531.623)
total time= 4.9s

[CV 5/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 5/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1052.513, test=-3079.829)
total time= 4.9s

[CV 3/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 3/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-519.696, test=-3002.667)
total time= 9.9s

[CV 1/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 1/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-123.361, test=-2722.894)
total time= 19.8s

[CV 4/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-50.873, test=-2952.246)
total time= 24.7s

[CV 4/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 4/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2112.339, test=-2610.795)
total time= 1.0s

[CV 1/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 1/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1797.905, test=-2514.516)
total time= 1.9s

[CV 3/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 3/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1752.682, test=-2828.379)
total time= 1.9s

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[CV 5/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1728.650, test=-2855.386)
total time= 2.0s
[CV 3/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1104.093, test=-2919.913)
total time= 4.9s
[CV 1/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-435.843, test=-2707.270)
total time= 9.8s
[CV 4/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-433.033, test=-3009.600)
total time= 9.8s
[CV 3/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-104.198, test=-3076.122)
total time= 19.6s
[CV 1/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-2.692, test=-2668.844)
total time= 49.3s
[CV 2/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-94.160, test=-2548.706)
total time= 19.6s
[CV 5/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-64.647, test=-3096.224)
total time= 24.6s
[CV 2/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1106.642, test=-2479.213)
total time= 4.9s
[CV 5/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50;; score=(train=-1020.961, test=-2995.151)
total time= 4.9s
[CV 3/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-507.014, test=-2963.683)
total time= 9.8s
[CV 1/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-93.991, test=-2697.975)
total time= 19.7s
[CV 4/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-48.162, test=-3041.776)
total time= 24.6s
[CV 4/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2115.306, test=-2601.515)
total time= 1.0s
[CV 1/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1864.666, test=-2540.271)
total time= 2.0s
[CV 3/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1760.534, test=-2869.473)
total time= 1.9s
[CV 1/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-867.623, test=-2644.532)
total time= 12.0s
[CV 4/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-632.901, test=-2975.052)
total time= 15.0s
[CV 3/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2335.529, test=-2714.934)
total time= 0.6s
[CV 5/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10
[CV 5/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2347.808, test=-2674.987)
total time= 0.6s
[CV 2/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2321.594, test=-2349.100)
total time= 1.2s
[CV 5/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2192.451, test=-2695.983)
total time= 1.2s
[CV 1/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1852.061, test=-2547.376)
total time= 3.0s
[CV 4/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1822.198, test=-2673.839)
total time= 3.0s
[CV 2/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1454.277, test=-2500.695)
total time= 5.8s
[CV 5/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1340.089, test=-2848.366)
total time= 6.1s
[CV 1/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-677.861, test=-2670.965)
total time= 15.2s
[CV 4/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-209.653, test=-3027.291)
total time= 30.4s
[CV 4/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-55.938, test=-2972.073)

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total time= 19.8s
[CV 2/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.321, test=-2543.425)
total time= 49.3s
[CV 4/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-51.495, test=-2963.299)
total time= 19.7s
[CV 2/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.420, test=-2630.116)
total time= 49.2s
[CV 4/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-92.324, test=-2843.681)
total time= 20.1s
[CV 2/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.979, test=-2646.957)
total time= 49.5s
[CV 5/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-126.819, test=-3090.937)
total time= 19.8s
[CV 3/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-2.487, test=-3038.114)
total time= 49.4s
[CV 5/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-121.286, test=-3086.786)
total time= 19.6s
[CV 3/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-2.410, test=-2955.803)
total time= 49.0s
[CV 3/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 3/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-107.771, test=-3031.615)
total time= 19.5s

[CV 1/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 1/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.753, test=-2703.522)
total time= 48.7s

[CV 2/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 2/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-105.173, test=-2582.699)
total time= 19.4s

[CV 5/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 5/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-59.417, test=-3026.348)
total time= 24.3s

[CV 5/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 5/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1651.340, test=-2830.784)
total time= 2.0s

[CV 3/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 3/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1069.738, test=-2898.352)
total time= 4.9s

[CV 1/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 1/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-677.861, test=-2669.504)
total time= 15.1s

[CV 4/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 4/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-209.653, test=-3026.366)
total time= 30.1s

[CV 2/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 2/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-705.065, test=-2663.548)
total time= 15.1s

[CV 5/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 5/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-219.284, test=-2976.811)
total time= 30.4s

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[CV 3/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-652.373, test=-3036.793)
total time= 15.1s
[CV 1/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2134.213, test=-2490.558)
total time= 1.0s
[CV 2/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2201.677, test=-2375.198)
total time= 1.0s
[CV 4/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2080.257, test=-2665.702)
total time= 1.0s
[CV 1/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1673.055, test=-2560.615)
total time= 1.9s
[CV 4/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1669.133, test=-2733.863)
total time= 1.9s
[CV 2/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-958.258, test=-2518.753)
total time= 4.9s
[CV 5/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-895.947, test=-2941.476)
total time= 4.9s
[CV 3/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-342.821, test=-2948.290)
total time= 9.8s
[CV 5/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-61.120, test=-2959.311)
total time= 19.6s
[CV 3/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.352, test=-2949.514)
total time= 49.0s
[CV 5/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-56.521, test=-2961.394)
total time= 19.7s
[CV 3/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.387, test=-3004.453)
total time= 49.2s
[CV 5/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-90.980, test=-3052.275)
total time= 19.7s
[CV 3/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1.051, test=-2960.721)
total time= 49.2s
[CV 4/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-103.364, test=-2939.565)
total time= 19.7s
[CV 2/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-2.653, test=-2617.838)
total time= 49.5s
[CV 4/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-87.954, test=-3032.346)
total time= 19.7s
[CV 2/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1.874, test=-2545.955)
total time= 49.4s
[CV 4/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200
[CV 4/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-87.954, test=-3031.590)
total time= 19.7s
[CV 2/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.874, test=-2555.805)
total time= 49.2s
[CV 4/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-96.722, test=-3023.890)
total time= 19.6s
[CV 2/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1.874, test=-2564.226)
total time= 48.6s
[CV 2/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-159.746, test=-2617.262)
total time= 19.3s
[CV 5/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-69.179, test=-2609.647)
total time= 19.7s
[CV 5/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-23.187, test=-3049.351)
total time= 24.6s
[CV 2/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1028.068, test=-2572.682)
total time= 4.9s
[CV 5/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-928.153, test=-2986.037)
total time= 4.9s
[CV 3/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

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[CV 3/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-445.102, test=-2959.472)
total time= 9.8s
[CV 1/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-90.581, test=-2669.412)
total time= 19.6s
[CV 4/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-44.353, test=-2858.958)
total time= 24.9s
[CV 4/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2117.059, test=-2600.558)
total time= 1.0s
[CV 1/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1846.760, test=-2526.240)
total time= 2.0s
[CV 3/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1750.200, test=-2770.795)
total time= 1.9s
[CV 5/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1778.589, test=-2881.064)
total time= 2.0s
[CV 3/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1152.148, test=-2960.256)
total time= 4.9s
[CV 1/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-532.588, test=-2700.410)
total time= 9.9s
[CV 4/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-447.394, test=-2907.460)
total time= 9.9s

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[CV 3/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-123.215, test=-3039.858)
total time= 19.8s

[CV 1/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 1/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-2.447, test=-2724.315)
total time= 49.0s

[CV 2/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 2/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-94.160, test=-2559.130)
total time= 19.6s

[CV 5/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 5/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-54.111, test=-3104.980)
total time= 24.6s

[CV 2/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 2/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1106.642, test=-2471.699)
total time= 4.9s

[CV 5/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 5/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1020.553, test=-2999.696)
total time= 4.9s

[CV 2/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 2/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-457.140, test=-2539.037)
total time= 9.8s

[CV 5/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 5/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-433.693, test=-3034.529)
total time= 9.7s

[CV 1/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 1/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-49.752, test=-2694.516)
total time= 24.5s

[CV 4/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 4/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,


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min_samples_split=5, n_estimators=500;; score=(train=-1.952, test=-3043.583)
total time= 48.9s
[CV 2/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-48.946, test=-2562.805)
total time= 24.2s
[CV 5/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-2.341, test=-3084.382)
total time= 49.0s
[CV 3/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-74.170, test=-2982.132)
total time= 24.5s
[CV 1/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2179.436, test=-2434.150)
total time= 1.0s
[CV 2/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-62.242, test=-3060.694)
total time= 24.6s
[CV 2/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1051.070, test=-2507.967)
total time= 4.9s
[CV 5/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-956.958, test=-2990.554)
total time= 4.8s
[CV 3/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-507.014, test=-2981.855)
total time= 9.8s
[CV 1/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-110.576, test=-2715.101)
total time= 19.6s
[CV 4/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 4/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-48.162, test=-3052.551)
total time= 24.6s
[CV 5/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2136.204, test=-2724.923)
total time= 1.0s
[CV 2/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1864.749, test=-2402.817)
total time= 1.9s
[CV 4/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1723.416, test=-2718.400)
total time= 1.9s
[CV 1/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1019.406, test=-2667.452)
total time= 4.9s
[CV 4/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-973.544, test=-2910.997)
total time= 4.9s
[CV 3/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-482.509, test=-3010.608)
total time= 9.8s
[CV 1/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-100.347, test=-2745.788)
total time= 19.6s
[CV 4/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-48.162, test=-3036.248)
total time= 24.5s
[CV 4/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2112.339, test=-2614.590)

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total time= 1.0s
[CV 1/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1804.107, test=-2531.650)
total time= 2.0s
[CV 3/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1773.433, test=-2818.396)
total time= 1.9s
[CV 5/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1719.415, test=-2893.954)
total time= 1.9s
[CV 3/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1021.675, test=-2941.605)
total time= 4.9s
[CV 1/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-450.467, test=-2702.704)
total time= 9.7s
[CV 4/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-433.033, test=-3006.615)
total time= 9.7s
[CV 5/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-121.284, test=-3085.514)
total time= 19.5s
[CV 3/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-2.130, test=-3028.658)
total time= 48.6s
[CV 3/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-132.103, test=-2978.321)
total time= 19.3s
[CV 1/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 1/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-3.641, test=-2722.442)
total time= 48.5s

[CV 2/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-178.005, test=-2595.573)
total time= 19.2s

[CV 5/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 5/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-108.606, test=-2948.255)
total time= 24.3s

[CV 3/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 3/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1817.678, test=-2780.743)
total time= 1.9s

[CV 1/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 1/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1142.216, test=-2582.599)
total time= 4.8s

[CV 2/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2212.846, test=-2360.489)
total time= 1.0s

[CV 3/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 3/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2083.242, test=-2783.255)
total time= 1.0s

[CV 5/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 5/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2113.871, test=-2720.339)
total time= 1.0s

[CV 2/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 2/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1864.749, test=-2398.589)
total time= 2.0s

[CV 4/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 4/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1723.416, test=-2720.465)
total time= 1.9s

[CV 1/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 1/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1073.455, test=-2623.010)
total time= 4.9s

[CV 4/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 4/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-973.537, test=-2911.767)
total time= 4.9s

[CV 2/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 2/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-457.140, test=-2548.591)
total time= 9.6s

[CV 5/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 5/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-433.693, test=-3031.731)
total time= 9.7s

[CV 1/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 1/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-47.891, test=-2732.133)
total time= 24.0s

[CV 4/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 4/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1.813, test=-3043.200)
total time= 48.7s

[CV 2/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 2/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-84.985, test=-2607.345)
total time= 24.3s

[CV 5/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 5/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-4.460, test=-3016.259)
total time= 48.9s

[CV 3/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 3/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-89.977, test=-2997.841)
total time= 24.3s

[CV 1/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 1/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2183.308, test=-2443.378)
total time= 1.0s

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[CV 2/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2301.091, test=-2350.424)
total time= 1.0s
[CV 3/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2121.005, test=-2742.974)
total time= 1.0s
[CV 4/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2149.319, test=-2572.449)
total time= 1.0s
[CV 1/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1799.081, test=-2470.747)
total time= 1.9s
[CV 4/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1741.616, test=-2659.758)
total time= 1.9s
[CV 2/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1140.081, test=-2512.438)
total time= 4.8s
[CV 5/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1156.009, test=-2937.613)
total time= 4.9s
[CV 3/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-588.403, test=-2959.927)
total time= 9.7s
[CV 1/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-165.280, test=-2636.858)
total time= 19.4s
[CV 4/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250;; score=(train=-97.066, test=-2936.601)
total time= 24.3s
[CV 3/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2121.005, test=-2744.011)
total time= 1.0s
[CV 5/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2151.953, test=-2726.252)
total time= 1.0s
[CV 2/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1871.219, test=-2407.613)
total time= 1.9s
[CV 5/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1761.544, test=-2870.578)
total time= 1.9s
[CV 3/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2083.347, test=-2779.918)
total time= 1.0s
[CV 4/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2112.339, test=-2610.795)
total time= 1.0s
[CV 1/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1802.619, test=-2574.963)
total time= 1.9s
[CV 3/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1752.682, test=-2829.447)
total time= 1.9s
[CV 5/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1719.420, test=-2891.318)
total time= 2.0s
[CV 3/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50
[CV 3/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1104.059, test=-2920.497)
total time= 4.9s
[CV 1/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-419.729, test=-2736.997)
total time= 9.7s
[CV 4/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-433.033, test=-2998.513)
total time= 9.8s
[CV 5/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-119.850, test=-3024.325)
total time= 19.6s
[CV 3/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-2.011, test=-3063.690)
total time= 49.0s
[CV 3/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-111.439, test=-2962.425)
total time= 19.7s
[CV 1/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1.813, test=-2676.555)
total time= 48.9s
[CV 4/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-123.602, test=-2995.791)
total time= 19.5s
[CV 2/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-4.553, test=-2633.832)
total time= 48.8s
[CV 3/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-154.158, test=-2994.177)

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total time= 19.3s
[CV 1/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-7.955, test=-2667.051)
total time= 48.7s
[CV 2/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-166.379, test=-2648.534)
total time= 19.5s
[CV 5/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-98.635, test=-2986.522)
total time= 24.4s
[CV 4/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1794.181, test=-2635.622)
total time= 1.9s
[CV 2/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1140.081, test=-2503.926)
total time= 4.9s
[CV 5/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1156.004, test=-2940.152)
total time= 4.9s
[CV 3/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-588.403, test=-2962.157)
total time= 9.7s
[CV 1/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-174.185, test=-2651.963)
total time= 19.6s
[CV 4/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-98.958, test=-2922.568)
total time= 24.5s
[CV 4/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

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[CV 4/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2149.317, test=-2571.750)
total time= 1.0s
[CV 1/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1836.468, test=-2528.723)
total time= 1.9s
[CV 4/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1794.181, test=-2643.561)
total time= 1.9s
[CV 2/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1170.739, test=-2522.804)
total time= 4.8s
[CV 5/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1763.900, test=-2716.829)
total time= 2.0s
[CV 2/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1164.971, test=-2525.216)
total time= 4.9s
[CV 5/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-965.649, test=-2895.984)
total time= 4.9s
[CV 3/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-502.060, test=-2957.681)
total time= 9.8s
[CV 1/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-133.430, test=-2700.938)
total time= 19.6s
[CV 4/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-63.463, test=-3002.935)
total time= 24.6s

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[CV 3/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2121.005, test=-2743.978)
total time= 1.0s
[CV 5/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2151.946, test=-2728.237)
total time= 1.0s
[CV 2/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1879.517, test=-2399.931)
total time= 2.0s
[CV 4/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1794.181, test=-2641.860)
total time= 1.9s
[CV 2/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1140.081, test=-2509.387)
total time= 4.8s
[CV 5/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1156.007, test=-2940.445)
total time= 4.9s
[CV 3/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-588.403, test=-2961.759)
total time= 9.8s
[CV 1/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-202.572, test=-2657.029)
total time= 19.5s
[CV 4/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-88.004, test=-2955.230)
total time= 24.5s
[CV 5/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10;; score=(train=-2151.944, test=-2726.869)
total time= 1.0s
[CV 2/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1871.221, test=-2407.783)
total time= 2.0s
[CV 5/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1783.996, test=-2794.062)
total time= 1.9s
[CV 3/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1207.846, test=-2835.058)
total time= 4.9s
[CV 1/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-579.781, test=-2609.018)
total time= 9.7s
[CV 4/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-574.043, test=-2875.435)
total time= 9.8s
[CV 5/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-172.530, test=-2982.623)
total time= 19.6s
[CV 3/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-6.244, test=-3001.867)
total time= 48.8s
[CV 4/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-165.833, test=-2905.808)
total time= 19.9s
[CV 2/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-7.929, test=-2589.360)
total time= 48.1s
[CV 3/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200
[CV 3/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-154.158, test=-2992.686)
total time= 19.3s
[CV 1/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-8.237, test=-2669.417)
total time= 48.8s
[CV 2/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-221.682, test=-2583.434)
total time= 19.4s
[CV 5/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-133.508, test=-3016.484)
total time= 24.3s
[CV 1/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1109.881, test=-2546.859)
total time= 4.9s
[CV 4/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1003.305, test=-2882.696)
total time= 4.9s
[CV 2/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-551.443, test=-2615.307)
total time= 9.7s
[CV 5/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-504.666, test=-2939.228)
total time= 9.8s
[CV 1/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-88.065, test=-2669.457)
total time= 24.4s
[CV 4/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-3.082, test=-3011.502)

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total time= 48.7s
[CV 2/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-98.634, test=-2640.535)
total time= 24.2s
[CV 5/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-10.701, test=-2967.163)
total time= 48.7s
[CV 3/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-89.977, test=-2994.062)
total time= 24.2s
[CV 1/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2181.887, test=-2441.031)
total time= 1.0s
[CV 2/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2301.091, test=-2347.871)
total time= 1.0s
[CV 4/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2149.317, test=-2568.090)
total time= 1.0s
[CV 1/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1799.070, test=-2467.906)
total time= 1.9s
[CV 3/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1817.678, test=-2778.924)
total time= 1.9s
[CV 1/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1174.371, test=-2634.191)
total time= 4.8s
[CV 4/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

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[CV 4/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1120.759, test=-2816.302)
total time= 4.8s

[CV 2/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 2/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-581.733, test=-2608.789)
total time= 9.7s

[CV 5/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 5/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-557.029, test=-2968.411)
total time= 9.7s

[CV 1/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 1/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-99.892, test=-2663.407)
total time= 24.4s

[CV 4/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 4/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-7.086, test=-2966.751)
total time= 48.5s

[CV 2/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 2/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-95.843, test=-2593.050)
total time= 24.2s

[CV 5/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 5/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-9.055, test=-3040.014)
total time= 48.7s

[CV 3/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 3/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-146.891, test=-3043.595)
total time= 24.0s

[CV 1/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 1/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2215.300, test=-2421.031)
total time= 0.9s

[CV 2/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 2/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2244.531, test=-2377.001)
total time= 0.9s

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[CV 4/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2187.045, test=-2599.292)
total time= 1.0s
[CV 1/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1852.774, test=-2500.157)
total time= 1.9s
[CV 3/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1829.975, test=-2861.367)
total time= 1.9s
[CV 4/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1179.928, test=-2754.202)
total time= 4.9s
[CV 2/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-576.534, test=-2548.863)
total time= 9.6s
[CV 5/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-557.029, test=-2983.467)
total time= 9.7s
[CV 1/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-103.426, test=-2668.304)
total time= 24.2s
[CV 4/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-7.284, test=-2927.059)
total time= 48.7s
[CV 2/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-98.634, test=-2656.473)
total time= 24.2s
[CV 5/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500;; score=(train=-9.194, test=-2988.678)
total time= 48.6s
[CV 3/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-89.977, test=-2994.034)
total time= 24.2s
[CV 1/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2211.299, test=-2422.760)
total time= 1.0s
[CV 2/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2244.531, test=-2372.830)
total time= 0.9s
[CV 4/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2187.045, test=-2597.014)
total time= 1.0s
[CV 1/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1852.774, test=-2500.615)
total time= 1.9s
[CV 4/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1938.033, test=-2622.018)
total time= 1.9s
[CV 2/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1218.543, test=-2516.881)
total time= 4.6s
[CV 5/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1154.995, test=-2910.901)
total time= 4.8s
[CV 3/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-645.278, test=-3023.463)
total time= 9.7s
[CV 1/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200
[CV 1/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-234.345, test=-2681.218)
total time= 19.5s
[CV 4/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-120.681, test=-2933.229)
total time= 24.2s
[CV 3/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2124.912, test=-2784.837)
total time= 0.9s
[CV 5/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2112.218, test=-2741.676)
total time= 1.0s
[CV 2/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1966.705, test=-2380.021)
total time= 1.9s
[CV 4/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1938.069, test=-2619.971)
total time= 2.0s
[CV 2/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1218.543, test=-2514.427)
total time= 4.8s
[CV 5/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1210.449, test=-2893.603)
total time= 5.0s
[CV 3/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-670.471, test=-3014.066)
total time= 9.7s
[CV 1/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-252.491, test=-2641.794)

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total time= 19.5s
[CV 4/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-120.681, test=-2926.023)
total time= 24.2s
[CV 4/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2187.045, test=-2597.031)
total time= 1.0s
[CV 1/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-501.200, test=-2681.626)
total time= 9.7s
[CV 4/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-490.027, test=-2953.855)
total time= 9.8s
[CV 5/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-130.182, test=-2984.781)
total time= 19.5s
[CV 3/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-4.475, test=-2976.471)
total time= 48.9s
[CV 4/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-165.227, test=-2921.453)
total time= 19.4s
[CV 2/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-7.929, test=-2600.585)
total time= 48.2s
[CV 3/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-154.158, test=-2991.633)
total time= 19.3s
[CV 1/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

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[CV 1/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-9.858, test=-2655.765)
total time= 48.4s
[CV 2/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-178.005, test=-2585.365)
total time= 19.3s
[CV 5/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-102.891, test=-3028.826)
total time= 24.2s
[CV 3/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1817.678, test=-2778.065)
total time= 1.9s
[CV 1/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1108.335, test=-2606.635)
total time= 4.8s
[CV 4/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1182.209, test=-2759.783)
total time= 4.8s
[CV 2/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-603.242, test=-2600.915)
total time= 9.6s
[CV 5/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-557.029, test=-2983.971)
total time= 9.7s
[CV 1/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-96.509, test=-2700.252)
total time= 24.1s
[CV 4/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-7.284, test=-2924.888)
total time= 48.8s

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[CV 2/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-136.969, test=-2572.034)
total time= 24.1s
[CV 5/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-22.512, test=-2996.441)
total time= 48.8s
[CV 3/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-137.642, test=-3064.081)
total time= 24.3s
[CV 1/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2215.300, test=-2424.588)
total time= 1.0s
[CV 2/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2244.531, test=-2373.414)
total time= 1.0s
[CV 3/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2124.912, test=-2784.837)
total time= 1.0s
[CV 5/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2112.216, test=-2733.586)
total time= 1.0s
[CV 2/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1966.705, test=-2380.058)
total time= 2.0s
[CV 5/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1786.273, test=-2800.960)
total time= 1.9s
[CV 3/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50;; score=(train=-1228.628, test=-2925.150)
total time= 4.8s
[CV 1/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-623.414, test=-2653.125)
total time= 9.7s
[CV 2/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2301.030, test=-2350.466)
total time= 1.0s
[CV 4/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2134.542, test=-2604.511)
total time= 0.9s
[CV 1/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1840.153, test=-2493.314)
total time= 1.9s
[CV 3/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1817.678, test=-2778.197)
total time= 1.9s
[CV 1/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1153.240, test=-2576.297)
total time= 4.8s
[CV 4/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1179.928, test=-2750.341)
total time= 4.8s
[CV 2/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-576.534, test=-2560.674)
total time= 9.6s
[CV 5/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-557.517, test=-2989.507)
total time= 9.6s
[CV 1/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250;; score=(train=-102.514, test=-2639.121)
total time= 24.2s
[CV 4/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-7.203, test=-2921.433)
total time= 48.6s
[CV 2/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-95.843, test=-2587.695)
total time= 24.1s
[CV 5/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-9.194, test=-2994.969)
total time= 48.7s
[CV 3/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-104.591, test=-3013.981)
total time= 24.1s
[CV 1/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2179.969, test=-2438.051)
total time= 0.9s
[CV 2/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2301.030, test=-2340.017)
total time= 1.1s
[CV 3/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2121.005, test=-2741.461)
total time= 1.0s
[CV 5/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2151.944, test=-2729.450)
total time= 1.0s
[CV 2/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1879.517, test=-2398.444)
total time= 1.9s
[CV 5/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20
[CV 5/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1784.013, test=-2793.587)
total time= 1.9s
[CV 3/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1207.846, test=-2831.944)
total time= 4.8s
[CV 1/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-565.359, test=-2639.852)
total time= 9.7s
[CV 4/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-578.216, test=-2879.770)
total time= 9.7s
[CV 5/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-186.256, test=-3049.273)
total time= 19.4s
[CV 3/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-7.210, test=-3015.974)
total time= 49.1s
[CV 4/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-212.027, test=-2928.176)
total time= 19.4s
[CV 2/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-14.734, test=-2593.586)
total time= 48.7s
[CV 3/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-208.726, test=-3057.940)
total time= 19.4s
[CV 1/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-18.351, test=-2651.792)

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total time= 48.7s
[CV 3/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-238.288, test=-3037.439)
total time= 19.4s
[CV 5/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-67.634, test=-2979.655)
total time= 24.2s
[CV 5/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1761.544, test=-2874.064)
total time= 1.9s
[CV 3/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1181.549, test=-2950.200)
total time= 4.8s
[CV 1/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-543.128, test=-2609.745)
total time= 9.6s
[CV 4/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-574.043, test=-2879.418)
total time= 9.6s
[CV 5/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-182.462, test=-3028.694)
total time= 19.3s
[CV 3/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-7.210, test=-3024.208)
total time= 48.4s
[CV 4/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-165.227, test=-2921.873)
total time= 19.3s
[CV 2/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-7.929, test=-2598.119)

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total time= 48.2s
[CV 3/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-154.158, test=-2989.596)
total time= 19.5s
[CV 1/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-9.464, test=-2701.029)
total time= 48.6s
[CV 2/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-178.005, test=-2590.491)
total time= 19.3s
[CV 5/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-99.225, test=-2985.270)
total time= 24.2s
[CV 3/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1829.956, test=-2862.914)
total time= 1.9s
[CV 1/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1153.005, test=-2564.558)
total time= 4.7s
[CV 4/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1226.552, test=-2786.885)
total time= 4.8s
[CV 2/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-680.908, test=-2535.168)
total time= 9.5s
[CV 5/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-672.737, test=-2944.759)
total time= 9.6s
[CV 1/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

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[CV 1/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-149.918, test=-2647.821)
total time= 24.0s

[CV 4/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 4/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-11.046, test=-2938.543)
total time= 48.0s

[CV 2/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 2/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-136.969, test=-2586.520)
total time= 24.0s

[CV 5/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 5/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-18.884, test=-3008.912)
total time= 48.5s

[CV 3/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 3/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-137.642, test=-3067.853)
total time= 24.1s

[CV 1/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 1/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2211.299, test=-2422.314)
total time= 1.0s

[CV 2/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 2/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2244.531, test=-2372.830)
total time= 1.0s

[CV 3/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 3/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2124.912, test=-2784.837)
total time= 1.0s

[CV 4/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 4/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2187.045, test=-2599.274)
total time= 1.0s

[CV 5/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 5/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2112.218, test=-2737.860)
total time= 0.9s

[CV 2/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20

[CV 5/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1156.004, test=-2940.435) total time= 4.8s

[CV 3/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100

[CV 3/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-588.403, test=-2957.308) total time= 9.6s

[CV 1/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200

[CV 1/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-158.595, test=-2638.958) total time= 19.4s

[CV 4/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250

[CV 4/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-90.605, test=-2906.433) total time= 24.3s

[CV 3/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=10

[CV 3/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-2124.910, test=-2784.981) total time= 1.0s

[CV 5/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=10

[CV 5/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-2112.218, test=-2738.994) total time= 1.0s

[CV 2/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=20

[CV 2/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1966.705, test=-2381.871) total time= 2.0s

[CV 5/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=20

[CV 5/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1739.008, test=-2787.076) total time= 2.0s

[CV 3/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=50

[CV 3/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-1227.812, test=-2952.133) total time= 5.3s

[CV 1/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=100

[CV 1/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100;; score=(train=-658.706, test=-2611.137)
total time= 9.7s
[CV 4/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-666.412, test=-2886.801)
total time= 9.6s
[CV 5/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-214.525, test=-3006.928)
total time= 19.4s
[CV 3/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-15.663, test=-3052.151)
total time= 48.3s
[CV 4/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-224.370, test=-2963.279)
total time= 19.3s
[CV 2/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-14.734, test=-2590.795)
total time= 48.1s
[CV 2/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-221.682, test=-2565.072)
total time= 19.2s
[CV 5/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-133.508, test=-3007.509)
total time= 24.2s
[CV 5/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1739.008, test=-2796.339)
total time= 1.9s
[CV 3/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1228.628, test=-2928.726)
total time= 4.8s
[CV 1/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100
[CV 1/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-658.706, test=-2624.258)
total time= 9.6s
[CV 4/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-666.412, test=-2887.882)
total time= 9.6s
[CV 4/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-224.370, test=-2956.162)
total time= 19.2s
[CV 2/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-14.734, test=-2580.099)
total time= 48.5s
[CV 5/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-14.493, test=-2987.883)
total time= 15.1s
[CV 3/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.028, test=-2902.508)
total time= 38.1s
[CV 1/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1505.267, test=-2534.540)
total time= 1.5s
[CV 2/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1602.777, test=-2393.510)
total time= 1.5s
[CV 3/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1521.743, test=-2821.044)
total time= 1.5s
[CV 4/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

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[CV 3/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1207.846, test=-2831.186)
total time= 4.9s

[CV 1/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 1/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-571.998, test=-2592.156)
total time= 9.7s

[CV 4/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 4/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-574.043, test=-2871.083)
total time= 9.7s

[CV 5/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 5/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-176.245, test=-3026.404)
total time= 19.6s

[CV 3/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-6.244, test=-3002.271)
total time= 48.1s

[CV 4/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-171.696, test=-2928.101)
total time= 19.5s

[CV 2/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-7.929, test=-2595.817)
total time= 49.1s

[CV 3/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-238.288, test=-3042.807)
total time= 19.5s

[CV 1/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-20.351, test=-2716.274)
total time= 48.7s

[CV 2/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-221.682, test=-2574.429)
total time= 19.2s

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[CV 5/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-144.756, test=-2988.072)
total time= 24.1s
[CV 4/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1938.033, test=-2620.620)
total time= 1.9s
[CV 2/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1218.543, test=-2508.424)
total time= 4.8s
[CV 5/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1210.449, test=-2905.852)
total time= 4.8s
[CV 3/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-670.471, test=-3014.111)
total time= 9.6s
[CV 1/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-252.491, test=-2643.120)
total time= 19.3s
[CV 4/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-120.681, test=-2931.670)
total time= 24.3s
[CV 1/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1882.041, test=-2488.695)
total time= 1.9s
[CV 3/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1805.636, test=-2856.191)
total time= 1.9s
[CV 1/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50;; score=(train=-1156.820, test=-2613.352)
total time= 4.8s
[CV 4/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1226.552, test=-2787.691)
total time= 4.8s
[CV 2/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-680.908, test=-2539.297)
total time= 9.6s
[CV 5/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-636.704, test=-2970.012)
total time= 9.7s
[CV 1/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-152.915, test=-2649.065)
total time= 24.2s
[CV 4/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-11.046, test=-2940.241)
total time= 48.7s
[CV 5/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.178, test=-2952.968)
total time= 30.2s
[CV 3/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2894.288)
total time= 1.3min
[CV 1/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.033, test=-2716.920)
total time= 38.0s
[CV 1/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1852.774, test=-2496.360)
total time= 1.9s
[CV 3/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20
[CV 3/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1805.681, test=-2855.316)
total time= 1.9s
[CV 1/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1153.005, test=-2567.994)
total time= 4.8s
[CV 4/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1226.552, test=-2788.928)
total time= 4.8s
[CV 2/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-680.908, test=-2532.909)
total time= 9.7s
[CV 5/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-672.737, test=-2949.912)
total time= 9.7s
[CV 1/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-149.918, test=-2652.554)
total time= 24.3s
[CV 4/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-14.518, test=-2987.282)
total time= 48.4s
[CV 2/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-136.969, test=-2587.000)
total time= 24.2s
[CV 5/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-22.512, test=-3001.936)
total time= 48.5s
[CV 1/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.021, test=-2667.987)

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total time= 37.5s
[CV 4/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2865.089)
total time= 1.3min
[CV 3/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.038, test=-2950.092)
total time= 37.6s
[CV 1/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1679.080, test=-2501.120)
total time= 1.4s
[CV 2/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1754.831, test=-2418.136)
total time= 1.5s
[CV 3/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1593.046, test=-2851.366)
total time= 1.4s
[CV 4/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1652.376, test=-2650.516)
total time= 1.5s
[CV 5/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1639.543, test=-2840.945)
total time= 1.5s
[CV 2/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1112.671, test=-2524.010)
total time= 2.9s
[CV 4/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1039.558, test=-2745.572)
total time= 3.0s
[CV 2/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

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[CV 2/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-336.438, test=-2527.086)
total time= 7.4s
[CV 5/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-269.265, test=-3086.462)
total time= 7.5s
[CV 3/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-47.884, test=-2989.612)
total time= 15.0s
[CV 1/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1.170, test=-2718.066)
total time= 30.0s
[CV 3/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.247, test=-2972.394)
total time= 37.7s
[CV 1/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1597.296, test=-2527.827)
total time= 1.5s
[CV 2/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1821.606, test=-2464.558)
total time= 1.5s
[CV 4/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1622.418, test=-2625.401)
total time= 1.5s
[CV 5/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1786.273, test=-2801.361)
total time= 1.9s
[CV 3/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1227.812, test=-2952.060)
total time= 4.9s

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[CV 1/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-657.397, test=-2676.511)
total time= 9.7s
[CV 4/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-661.251, test=-2873.707)
total time= 9.7s
[CV 5/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-214.525, test=-3011.969)
total time= 19.4s
[CV 3/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-15.663, test=-3047.370)
total time= 48.7s
[CV 4/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-212.027, test=-2926.773)
total time= 19.4s
[CV 2/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-14.734, test=-2592.943)
total time= 48.4s
[CV 3/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-238.288, test=-3045.318)
total time= 19.3s
[CV 1/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-18.351, test=-2637.943)
total time= 48.4s
[CV 4/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-14.539, test=-2840.335)
total time= 14.8s
[CV 2/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250;; score=(train=-0.027, test=-2581.821)
total time= 37.4s
[CV 5/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2972.201)
total time= 1.3min
[CV 2/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.029, test=-2561.576)
total time= 37.4s
[CV 5/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2911.606)
total time= 1.3min
[CV 4/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.192, test=-2804.014)
total time= 37.5s
[CV 3/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1766.622, test=-2849.502)
total time= 1.4s
[CV 5/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1561.522, test=-2825.168)
total time= 1.5s
[CV 2/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1178.946, test=-2536.956)
total time= 3.0s
[CV 4/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1154.883, test=-2687.740)
total time= 2.9s
[CV 2/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-425.266, test=-2608.208)
total time= 7.4s
[CV 5/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50
[CV 5/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-378.435, test=-2914.145)
total time= 7.5s
[CV 3/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-88.615, test=-3029.586)
total time= 15.0s
[CV 1/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-3.735, test=-2669.379)
total time= 30.1s
[CV 4/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.992, test=-2836.605)
total time= 37.7s
[CV 5/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1648.908, test=-2858.547)
total time= 1.4s
[CV 2/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1094.001, test=-2465.202)
total time= 2.9s
[CV 4/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1096.490, test=-2737.079)
total time= 2.9s

[CV 1/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1153.005, test=-2572.139)
total time= 4.8s
[CV 4/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1256.578, test=-2793.534)
total time= 4.7s
[CV 2/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=100;; score=(train=-680.908, test=-2536.313)
total time= 9.6s
[CV 5/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-652.364, test=-2953.267)
total time= 9.6s
[CV 1/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-162.577, test=-2695.652)
total time= 24.1s
[CV 4/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-11.046, test=-2934.076)
total time= 48.0s
[CV 2/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-136.969, test=-2567.700)
total time= 23.5s
[CV 5/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-22.512, test=-2992.459)
total time= 48.6s
[CV 3/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-143.493, test=-3080.242)
total time= 24.2s
[CV 1/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1597.959, test=-2536.484)
total time= 1.5s
[CV 2/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1641.645, test=-2414.217)
total time= 1.5s
[CV 4/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1485.482, test=-2722.547)
total time= 1.5s
[CV 1/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20
[CV 1/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-882.061, test=-2599.139)
total time= 3.0s
[CV 4/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-885.775, test=-2826.167)
total time= 3.0s
[CV 2/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-213.652, test=-2559.254)
total time= 7.5s
[CV 5/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-162.299, test=-2937.793)
total time= 7.5s
[CV 3/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-19.643, test=-2899.830)
total time= 15.1s
[CV 3/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.254, test=-2888.961)
total time= 30.2s
[CV 1/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2621.528)
total time= 1.3min
[CV 3/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.250, test=-2943.638)
total time= 29.9s
[CV 1/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2717.059)
total time= 1.3min
[CV 3/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1.341, test=-2978.945)

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total time= 30.0s
[CV 1/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2679.684)
total time= 1.3min
[CV 2/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-3.175, test=-2624.279)
total time= 29.5s
[CV 5/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.679, test=-2927.025)
total time= 37.2s
[CV 5/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1010.066, test=-2942.160)
total time= 2.9s
[CV 3/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-357.472, test=-2917.506)
total time= 7.3s
[CV 1/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-81.010, test=-2631.079)
total time= 14.9s
[CV 4/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-661.251, test=-2879.610)
total time= 9.7s
[CV 5/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-214.525, test=-3007.179)
total time= 19.4s
[CV 3/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-15.663, test=-3047.174)
total time= 48.7s

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[CV 5/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 5/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-214.525, test=-2999.357) total time= 19.4s

[CV 3/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 3/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-18.364, test=-3088.585) total time= 48.4s

[CV 1/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 1/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-0.265, test=-2642.693) total time= 30.4s

[CV 4/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 4/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-0.018, test=-2850.899) total time= 38.0s

[CV 4/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 4/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-853.183, test=-2806.786) total time= 3.0s

[CV 2/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 2/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-204.815, test=-2448.737) total time= 7.5s

[CV 5/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 5/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-194.888, test=-2944.736) total time= 7.5s

[CV 3/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 3/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-20.325, test=-2959.066) total time= 15.1s

[CV 1/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 1/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-0.370, test=-2682.946) total time= 30.5s

[CV 4/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 4/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250;; score=(train=-0.037, test=-2916.094)
total time= 38.3s
[CV 1/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1049.719, test=-2619.942)
total time= 2.9s
[CV 3/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1044.308, test=-2930.787)
total time= 2.9s
[CV 5/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-990.759, test=-2929.081)
total time= 2.9s
[CV 3/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-302.644, test=-2993.076)
total time= 7.5s
[CV 1/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-53.850, test=-2680.999)
total time= 15.2s
[CV 4/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-48.884, test=-2813.136)
total time= 15.0s
[CV 2/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1.224, test=-2624.068)
total time= 29.9s
[CV 5/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.310, test=-2946.375)
total time= 38.1s
[CV 5/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1080.648, test=-2862.704)
total time= 3.0s
[CV 3/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50
[CV 3/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-451.941, test=-2997.966)
total time= 7.4s
[CV 1/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-65.472, test=-2716.073)
total time= 14.9s
[CV 4/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-78.619, test=-2825.513)
total time= 14.9s
[CV 4/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-4.668, test=-2835.844)
total time= 30.0s
[CV 2/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-2637.752)
total time= 1.3min
[CV 3/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-4.853, test=-2951.621)
total time= 30.0s
[CV 1/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1966.705, test=-2387.036)
total time= 1.9s
[CV 4/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1938.069, test=-2622.916)
total time= 1.9s
[CV 2/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1218.543, test=-2509.396)
total time= 4.8s
[CV 5/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1210.449, test=-2904.619)

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total time= 4.8s
[CV 3/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-645.278, test=-3017.113)
total time= 9.6s
[CV 1/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-245.896, test=-2736.578)
total time= 19.3s
[CV 4/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-120.681, test=-2930.031)
total time= 24.1s
[CV 3/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1466.685, test=-2780.988)
total time= 1.5s
[CV 5/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1439.295, test=-2885.653)
total time= 1.5s
[CV 2/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-969.661, test=-2499.214)
total time= 3.0s
[CV 5/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-756.317, test=-2937.610)
total time= 2.9s
[CV 3/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-196.230, test=-2875.332)
total time= 7.5s
[CV 1/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-16.364, test=-2671.730)
total time= 15.0s
[CV 2/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

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[CV 2/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.202, test=-2565.584)
total time= 30.1s

[CV 5/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 5/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.019, test=-2961.441)
total time= 37.7s

[CV 1/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 1/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-186.616, test=-2661.496)
total time= 7.4s

[CV 4/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 4/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-201.618, test=-2917.797)
total time= 7.5s

[CV 2/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 2/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-21.206, test=-2475.914)
total time= 15.1s

[CV 5/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 5/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-29.667, test=-2907.789)
total time= 15.3s

[CV 5/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 5/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.457, test=-2894.475)
total time= 30.6s

[CV 3/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 3/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3014.778)
total time= 1.3min

[CV 4/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 4/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1.399, test=-2827.296)
total time= 29.8s

[CV 2/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2592.707)
total time= 1.2min

[CV 3/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-5.325, test=-3024.502)
total time= 29.7s

[CV 1/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 1/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-2647.184)
total time= 1.2min

[CV 2/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 2/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-3.458, test=-2608.597)
total time= 29.6s

[CV 5/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 5/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-1.258, test=-3023.334)
total time= 37.5s

[CV 2/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 2/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-310.561, test=-2618.989)
total time= 7.2s

[CV 5/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 5/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-341.108, test=-2993.903)
total time= 7.4s

[CV 4/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-1492.254, test=-2694.205)
total time= 1.5s

[CV 5/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 5/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-1600.657, test=-2754.592)
total time= 1.5s

[CV 1/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 1/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-895.370, test=-2641.652)
total time= 3.0s

[CV 2/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 2/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-965.022, test=-2512.714)
total time= 3.0s


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[CV 3/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-950.604, test=-2919.322)
total time= 3.0s
[CV 5/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1046.544, test=-2848.017)
total time= 3.0s
[CV 3/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-212.177, test=-2946.570)
total time= 7.5s
[CV 1/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-21.715, test=-2689.287)
total time= 15.0s
[CV 4/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-26.877, test=-2848.396)
total time= 15.1s
[CV 2/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.435, test=-2488.763)
total time= 30.0s
[CV 5/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.031, test=-2888.051)
total time= 37.5s
[CV 1/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-320.900, test=-2674.038)
total time= 7.4s
[CV 4/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-318.295, test=-2819.482)
total time= 7.4s
[CV 2/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100;; score=(train=-39.874, test=-2631.014)
total time= 14.9s
[CV 5/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-51.637, test=-3032.554)
total time= 15.0s
[CV 1/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.233, test=-2676.868)
total time= 37.6s
[CV 4/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2861.770)
total time= 1.3min
[CV 2/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.762, test=-2582.594)
total time= 37.1s
[CV 5/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-2916.534)
total time= 1.2min
[CV 3/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.193, test=-2966.708)
total time= 37.1s
[CV 1/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1754.281, test=-2498.312)
total time= 1.5s
[CV 2/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1699.507, test=-2414.989)
total time= 1.4s
[CV 3/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1624.384, test=-2782.140)
total time= 1.4s
[CV 4/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=10
[CV 4/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1621.440, test=-2672.671)
total time= 1.4s
[CV 1/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1035.720, test=-2561.997)
total time= 2.9s
[CV 3/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1141.797, test=-2856.771)
total time= 2.9s
[CV 5/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1052.288, test=-2954.452)
total time= 2.9s
[CV 3/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-339.019, test=-2874.235)
total time= 7.3s
[CV 1/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-83.430, test=-2631.063)
total time= 14.8s
[CV 4/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2858.538)
total time= 1.3min
[CV 2/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.181, test=-2545.643)
total time= 37.5s
[CV 5/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3038.506)
total time= 1.3min
[CV 3/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.261, test=-3019.583)

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total time= 37.5s
[CV 1/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1726.706, test=-2489.516)
total time= 1.5s
[CV 2/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1699.506, test=-2419.073)
total time= 1.4s
[CV 3/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1624.384, test=-2781.668)
total time= 1.4s
[CV 4/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1621.436, test=-2660.235)
total time= 1.5s
[CV 1/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1137.321, test=-2579.446)
total time= 2.9s
[CV 3/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1105.688, test=-2851.992)
total time= 2.9s
[CV 1/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-394.430, test=-2618.035)
total time= 7.4s
[CV 4/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-350.307, test=-2858.025)
total time= 7.4s
[CV 2/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-63.671, test=-2616.254)
total time= 14.7s
[CV 5/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

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[CV 5/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-74.621, test=-2988.175)
total time= 14.9s

[CV 1/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 1/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.362, test=-2619.757)
total time= 37.4s

[CV 4/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 4/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-2848.378)
total time= 1.2min

[CV 2/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 2/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.038, test=-2533.763)
total time= 37.3s

[CV 5/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 5/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-2995.732)
total time= 1.2min

[CV 3/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 3/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.810, test=-2902.309)
total time= 37.2s

[CV 1/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 1/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1770.045, test=-2507.165)
total time= 1.4s

[CV 2/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 2/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1866.821, test=-2416.063)
total time= 1.4s

[CV 3/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 3/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1712.247, test=-2839.949)
total time= 1.4s

[CV 5/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 5/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1729.385, test=-2793.737)
total time= 1.4s

[CV 2/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 2/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-1324.606, test=-2480.967) total time= 2.9s
[CV 4/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 4/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-1143.951, test=-2762.623) total time= 2.9s
[CV 2/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 2/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-481.689, test=-2626.997) total time= 7.3s
[CV 5/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 5/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-411.290, test=-2848.855) total time= 7.3s
[CV 3/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 3/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-119.908, test=-2957.179) total time= 15.0s
[CV 1/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 1/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 1/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-1071.740, test=-2623.683) total time= 3.0s
[CV 3/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 3/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-1234.441, test=-2907.887) total time= 3.0s
[CV 1/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 1/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-388.336, test=-2631.459) total time= 7.5s
[CV 4/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 4/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-396.749, test=-2784.817) total time= 7.4s
[CV 2/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100
[CV 2/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-71.113, test=-2627.392)
total time= 14.8s
[CV 5/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-71.709, test=-2949.705)
total time= 14.9s
[CV 1/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.941, test=-2683.900)
total time= 37.4s
[CV 4/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-2842.717)
total time= 1.3min
[CV 2/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.421, test=-2533.345)
total time= 36.9s
[CV 5/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3011.970)
total time= 1.2min
[CV 3/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.969, test=-2943.236)
total time= 37.5s
[CV 1/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1726.654, test=-2484.882)
total time= 1.5s
[CV 3/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1624.418, test=-2785.897)
total time= 1.4s
[CV 5/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1648.871, test=-2860.194)

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total time= 1.5s
[CV 2/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1093.305, test=-2511.227)
total time= 2.9s
[CV 4/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1045.327, test=-2817.669)
total time= 2.9s
[CV 1/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-425.672, test=-2638.205)
total time= 7.4s
[CV 4/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-364.953, test=-2841.980)
total time= 7.1s
[CV 2/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-57.336, test=-2551.623)
total time= 14.7s
[CV 5/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-91.721, test=-2991.051)
total time= 15.1s
[CV 1/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.309, test=-2640.333)
total time= 37.8s
[CV 4/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-2922.986)
total time= 1.3min
[CV 2/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1.899, test=-2655.514)
total time= 36.7s
[CV 5/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 5/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.009, test=-2851.712)
total time= 1.3min
[CV 4/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-5.478, test=-2894.133)
total time= 36.6s
[CV 2/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1838.387, test=-2401.636)
total time= 1.4s
[CV 4/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1679.222, test=-2622.926)
total time= 1.4s
[CV 1/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1286.653, test=-2652.820)
total time= 2.9s
[CV 3/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-17.339, test=-2682.550)
total time= 48.8s
[CV 2/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-221.682, test=-2567.622)
total time= 19.4s
[CV 5/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-144.756, test=-2995.585)
total time= 24.4s
[CV 3/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-886.155, test=-2811.840)
total time= 3.0s
[CV 1/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50;; score=(train=-183.344, test=-2670.695)
total time= 7.5s
[CV 4/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-207.060, test=-2868.061)
total time= 7.5s
[CV 2/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-22.999, test=-2567.780)
total time= 15.2s
[CV 4/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.232, test=-2841.557)
total time= 30.3s
[CV 2/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2551.657)
total time= 1.3min
[CV 4/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.215, test=-2907.989)
total time= 30.3s
[CV 2/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2531.393)
total time= 1.3min
[CV 5/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1.202, test=-2928.467)
total time= 30.2s
[CV 3/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2928.441)
total time= 1.3min
[CV 5/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2.310, test=-2888.787)
total time= 29.8s
[CV 3/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=500
[CV 3/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3019.625)
total time= 1.3min
[CV 5/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-3.476, test=-2986.125)
total time= 30.1s
[CV 3/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2884.569)
total time= 1.2min
[CV 5/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-5.028, test=-2979.556)
total time= 30.0s
[CV 3/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-2937.216)
total time= 1.2min
[CV 4/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-5.335, test=-2844.134)
total time= 29.9s
[CV 2/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-2516.698)
total time= 1.2min
[CV 3/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-6.715, test=-2990.152)
total time= 29.7s
[CV 2/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.005, test=-2541.406)
total time= 1.2min
[CV 2/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-13.233, test=-2544.932)

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total time= 29.1s
[CV 5/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-10.228, test=-2883.581)
total time= 37.0s
[CV 5/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1180.006, test=-2884.437)
total time= 2.8s
[CV 3/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-611.124, test=-2994.697)
total time= 7.2s
[CV 1/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-144.375, test=-2772.803)
total time= 14.5s
[CV 4/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100[CV 2/5; 1263/2352] START
learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2,
n_estimators=50
[CV 2/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-310.561, test=-2631.294)
total time= 7.3s
[CV 5/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-307.184, test=-2968.864)
total time= 7.4s
[CV 3/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-79.375, test=-2931.116)
total time= 14.9s
[CV 1/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-4.249, test=-2630.534)
total time= 30.1s
[CV 4/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.593, test=-2863.964)
total time= 37.0s

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[CV 5/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1649.131, test=-2852.562)
total time= 1.5s
[CV 2/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1094.001, test=-2486.507)
total time= 2.9s
[CV 4/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1107.102, test=-2737.788)
total time= 2.9s
[CV 1/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-391.161, test=-2607.550)
total time= 7.4s
[CV 4/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-407.623, test=-2828.736)
total time= 7.4s
[CV 2/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-70.219, test=-2553.604)
total time= 14.8s
[CV 5/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-85.205, test=-2989.598)
total time= 14.9s
[CV 1/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.014, test=-2610.346)
total time= 37.7s
[CV 4/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-2873.052)
total time= 1.2min
[CV 2/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250;; score=(train=-0.481, test=-2579.153)
total time= 37.0s
[CV 5/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.003, test=-2996.885)
total time= 1.3min
[CV 3/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2.044, test=-2976.024)
total time= 37.0s
[CV 1/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1793.174, test=-2569.053)
total time= 1.4s
[CV 2/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1838.390, test=-2389.213)
total time= 1.4s
[CV 4/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1680.289, test=-2629.100)
total time= 1.4s
[CV 1/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1307.346, test=-2618.826)
total time= 2.9s
[CV 3/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1252.284, test=-2882.294)
total time= 2.9s
[CV 1/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-566.981, test=-2729.627)
total time= 7.3s
[CV 4/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-544.891, test=-2822.565)
total time= 7.3s
[CV 2/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100
[CV 2/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-156.729, test=-2500.342)
total time= 14.5s
[CV 5/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-166.680, test=-2941.549)
total time= 14.6s
[CV 1/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-8.539, test=-2799.745)
total time= 37.0s
[CV 4/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.060, test=-2913.026)
total time= 1.2min
[CV 2/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-2626.859)
total time= 1.2min
[CV 2/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-4.924, test=-2557.583)
total time= 29.8s
[CV 5/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.946, test=-2986.669)
total time= 37.9s
[CV 2/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-310.561, test=-2610.558)
total time= 7.3s
[CV 5/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-355.219, test=-2965.117)
total time= 7.4s
[CV 3/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-81.510, test=-2928.594)

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total time= 14.8s
[CV 1/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-5.581, test=-2562.249)
total time= 29.9s
[CV 4/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.555, test=-2869.579)
total time= 37.7s
[CV 4/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1679.713, test=-2671.748)
total time= 1.4s
[CV 1/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1123.990, test=-2565.305)
total time= 2.9s
[CV 3/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1212.967, test=-2870.702)
total time= 2.9s
[CV 1/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-487.279, test=-2619.448)
total time= 7.3s
[CV 4/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-428.592, test=-2897.903)
total time= 7.3s
[CV 2/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-110.546, test=-2642.256)
total time= 14.8s
[CV 5/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-94.100, test=-2899.378)
total time= 14.8s
[CV 1/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

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[CV 1/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-3.016, test=-2596.613)
total time= 37.3s

[CV 4/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 4/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-2906.638)
total time= 1.2min

[CV 2/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 2/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-4.703, test=-2579.192)
total time= 36.7s

[CV 5/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 5/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.116, test=-2969.544)
total time= 1.2min

[CV 3/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 3/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-7.566, test=-2989.555)
total time= 37.2s

[CV 1/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 1/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1793.521, test=-2546.414)
total time= 1.4s

[CV 2/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 2/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1838.382, test=-2378.537)
total time= 1.4s

[CV 4/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 4/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1680.286, test=-2631.082)
total time= 1.4s

[CV 1/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 1/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1299.087, test=-2683.740)
total time= 2.9s

[CV 3/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 3/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1328.755, test=-2901.524)
total time= 2.9s

[CV 1/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 1/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-566.981, test=-2729.477)
total time= 7.3s

[CV 4/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 4/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-499.800, test=-2835.554)
total time= 7.4s

[CV 2/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 2/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-154.494, test=-2544.952)
total time= 14.6s

[CV 5/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 5/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-150.106, test=-2949.861)
total time= 14.7s

[CV 1/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-10.404, test=-2582.337)
total time= 29.8s

[CV 4/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 4/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-1.730, test=-2966.797)
total time= 37.0s

[CV 3/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 3/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=10;; score=(train=-1772.965, test=-2806.461)
total time= 1.4s

[CV 5/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 5/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=10;; score=(train=-1767.421, test=-2752.293)
total time= 1.4s

[CV 2/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 2/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-1316.429, test=-2493.686)
total time= 2.8s

[CV 4/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 4/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-1152.835, test=-2718.854)
total time= 2.8s

[CV 2/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 2/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-571.183, test=-2485.831)
total time= 7.2s

[CV 5/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 5/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-500.012, test=-2898.409)
total time= 7.2s

[CV 3/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 3/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-171.614, test=-3033.297)
total time= 14.6s

[CV 1/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 1/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-24.022, test=-2808.257)
total time= 29.6s

[CV 3/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 3/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-5.404, test=-2945.938)
total time= 36.8s

[CV 1/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 1/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-1793.169, test=-2543.637)
total time= 1.4s

[CV 3/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 3/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-1772.860, test=-2812.782)
total time= 1.4s

[CV 5/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 5/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-1767.159, test=-2754.187)
total time= 1.4s

[CV 2/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 2/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-1318.827, test=-2451.465)
total time= 2.9s

[CV 4/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 4/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-1153.402, test=-2720.544)
total time= 2.9s
[CV 2/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-514.771, test=-2505.362)
total time= 7.2s
[CV 5/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-542.519, test=-2881.462)
total time= 7.3s
[CV 3/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-174.708, test=-2963.891)
total time= 14.8s
[CV 1/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-19.441, test=-2796.987)
total time= 29.6s
[CV 4/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-5.478, test=-2890.924)
total time= 36.7s
[CV 3/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1805.428, test=-2793.495)
total time= 1.4s
[CV 5/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1767.421, test=-2745.864)
total time= 1.4s
[CV 2/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1318.828, test=-2461.184)
total time= 2.8s
[CV 4/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1271.879, test=-2726.319)
total time= 2.8s
[CV 2/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 2/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-531.803, test=-2525.277)
total time= 7.2s
[CV 5/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-464.311, test=-2936.851)
total time= 7.0s
[CV 3/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-177.629, test=-2942.225)
total time= 14.6s
[CV 1/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-16.014, test=-2767.958)
total time= 29.3s
[CV 4/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-66.172, test=-2858.956)
total time= 14.7s
[CV 3/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-4.323, test=-2934.443)
total time= 29.7s
[CV 1/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-2624.789)
total time= 1.2min
[CV 2/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2.662, test=-2525.253)
total time= 29.3s
[CV 5/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.385, test=-3014.718)
total time= 37.4s
[CV 5/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1213.889, test=-2838.400)

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total time= 2.9s
[CV 3/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-429.984, test=-2960.022)
total time= 7.2s
[CV 1/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-127.682, test=-2611.297)
total time= 14.9s
[CV 4/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-103.617, test=-2920.745)
total time= 14.7s
[CV 4/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-7.454, test=-2925.019)
total time= 29.5s
[CV 1/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.008, test=-2668.870)
total time= 1.2min
[CV 3/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-18.105, test=-2950.789)
total time= 29.6s
[CV 1/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.160, test=-2772.751)
total time= 1.2min
[CV 3/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-18.258, test=-2972.257)
total time= 29.5s
[CV 1/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.138, test=-2776.809)
total time= 1.2min
[CV 2/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 2/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-14.023, test=-2572.463)
total time= 29.1s

[CV 5/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-8.510, test=-3027.703)
total time= 35.5s

[CV 4/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 4/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1152.835, test=-2719.113)
total time= 2.8s

[CV 2/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 2/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-544.306, test=-2563.714)
total time= 7.2s

[CV 5/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 5/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-494.730, test=-2930.125)
total time= 7.2s

[CV 3/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 3/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-177.221, test=-2963.244)
total time= 14.6s

[CV 1/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 1/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-22.006, test=-2697.985)
total time= 29.6s

[CV 3/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 3/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-5.578, test=-2956.114)
total time= 36.7s

[CV 1/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 1/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1853.250, test=-2518.016)
total time= 1.4s

[CV 3/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 3/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1813.093, test=-2804.998)
total time= 1.4s

[CV 5/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 5/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1769.762, test=-2739.393) total time= 1.4s
[CV 2/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 2/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1517.514, test=-2510.882) total time= 2.9s
[CV 5/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 5/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1291.970, test=-2755.901) total time= 2.8s
[CV 3/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 4/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-70.187, test=-2895.520) total time= 14.9s
[CV 4/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 4/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-4.365, test=-2873.292) total time= 30.1s
[CV 2/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 2/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-2581.396) total time= 1.2min
[CV 4/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 4/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-2.961, test=-2855.375) total time= 29.8s
[CV 2/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 2/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.002, test=-2560.858) total time= 1.2min
[CV 3/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 3/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-3.295, test=-2878.936) total time= 29.5s
[CV 1/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,


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min_samples_split=10, n_estimators=500;; score=(train=-0.002, test=-2600.118)
total time= 1.3min
[CV 2/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-6.913, test=-2663.637)
total time= 29.3s
[CV 5/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-4.311, test=-2843.265)
total time= 37.2s
[CV 5/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1208.992, test=-2865.549)
total time= 2.8s
[CV 3/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-600.890, test=-2922.753)
total time= 7.3s
[CV 1/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-144.375, test=-2769.276)
total time= 14.6s
[CV 4/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-142.429, test=-2872.430)
total time= 14.5s
[CV 4/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-18.761, test=-2908.523)
total time= 29.3s
[CV 2/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.033, test=-2575.046)
total time= 1.2min
[CV 2/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-18.298, test=-2582.576)
total time= 29.2s
[CV 5/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 5/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-11.329, test=-3018.142)
total time= 37.3s
[CV 5/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1207.495, test=-2876.211)
total time= 2.9s
[CV 3/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-588.489, test=-2929.965)
total time= 7.4s
[CV 1/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-172.431, test=-2755.357)
total time= 14.9s
[CV 4/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-157.551, test=-2881.820)
total time= 14.7s
[CV 4/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-15.633, test=-2887.671)
total time= 29.3s
[CV 2/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.033, test=-2592.382)
total time= 1.2min
[CV 2/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-13.233, test=-2529.200)
total time= 29.2s
[CV 5/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-9.041, test=-2945.850)
total time= 36.9s
[CV 4/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1354.250, test=-2689.779)

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total time= 2.8s
[CV 2/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-662.180, test=-2647.761)
total time= 7.2s
[CV 5/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-632.965, test=-2861.830)
total time= 7.2s
[CV 3/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-240.149, test=-2935.018)
total time= 14.7s
[CV 3/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-79.375, test=-2925.562)
total time= 14.9s
[CV 1/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-3.987, test=-2544.452)
total time= 29.8s
[CV 4/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.459, test=-2939.985)
total time= 37.6s
[CV 2/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1780.407, test=-2457.070)
total time= 1.4s
[CV 4/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1621.435, test=-2668.562)
total time= 1.5s
[CV 1/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1114.836, test=-2556.423)
total time= 2.9s
[CV 3/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

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[CV 3/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1105.692, test=-2855.315)
total time= 2.9s

[CV 5/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 5/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1063.378, test=-2971.897)
total time= 2.9s

[CV 3/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 3/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-390.883, test=-2927.152)
total time= 7.4s

[CV 1/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 1/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-93.054, test=-2555.805)
total time= 14.9s

[CV 4/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 4/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-70.973, test=-2936.132)
total time= 14.8s

[CV 5/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 5/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-4.252, test=-3041.211)
total time= 29.9s

[CV 3/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 3/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-2909.521)
total time= 1.2min

[CV 5/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 5/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-12.178, test=-2861.791)
total time= 30.1s

[CV 3/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 3/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-2942.920)
total time= 1.2min

[CV 5/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 5/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-23.230, test=-2937.837)
total time= 29.6s

[CV 3/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 3/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-0.086, test=-3006.067)
total time= 1.2min

[CV 4/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 4/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-19.539, test=-2881.146)
total time= 29.7s

[CV 3/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 3/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.188, test=-2979.446)
total time= 1.3min

[CV 5/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 5/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-22.424, test=-2944.550)
total time= 29.5s

[CV 3/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 3/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.037, test=-3039.093)
total time= 1.2min

[CV 4/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 4/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-15.633, test=-2902.249)
total time= 29.5s

[CV 2/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 2/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-0.134, test=-2501.180)
total time= 1.2min

[CV 4/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 4/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-41.032, test=-2871.615)
total time= 29.5s

[CV 2/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 2/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-1.020, test=-2590.185)
total time= 1.2min

[CV 3/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 3/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200;; score=(train=-42.939, test=-2966.878)
total time= 29.4s
[CV 1/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.417, test=-2744.539)
total time= 1.2min
[CV 2/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-32.045, test=-2597.544)
total time= 29.0s
[CV 5/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-4.703, test=-2565.803)
total time= 36.4s
[CV 5/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.089, test=-2948.242)
total time= 1.2min
[CV 3/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-5.225, test=-2922.145)
total time= 36.3s
[CV 1/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1793.510, test=-2547.836)
total time= 1.5s
[CV 2/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1837.689, test=-2385.562)
total time= 1.4s
[CV 3/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1792.374, test=-2803.502)
total time= 1.4s
[CV 1/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1299.110, test=-2680.394)
total time= 2.9s
[CV 3/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20
[CV 3/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1389.229, test=-2863.005)
total time= 2.9s
[CV 1/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-535.739, test=-2758.454)
total time= 7.3s
[CV 4/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-499.799, test=-2838.683)
total time= 7.2s
[CV 2/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-166.357, test=-2565.846)
total time= 15.0s
[CV 5/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-180.260, test=-2937.460)
total time= 14.9s
[CV 1/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-9.298, test=-2771.407)
total time= 37.1s
[CV 4/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.060, test=-2903.794)
total time= 1.2min
[CV 2/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-14.788, test=-2609.987)
total time= 36.8s
[CV 5/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1.081, test=-2962.355)
total time= 1.2min
[CV 3/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-16.910, test=-2942.664)

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total time= 36.9s
[CV 1/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1853.261, test=-2517.163)
total time= 1.4s
[CV 3/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1813.093, test=-2798.098)
total time= 1.4s
[CV 5/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1769.762, test=-2737.505)
total time= 1.4s
[CV 2/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1517.514, test=-2494.261)
total time= 2.9s
[CV 4/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1366.723, test=-2715.660)
total time= 2.8s
[CV 2/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-672.697, test=-2548.116)
total time= 7.2s
[CV 5/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-662.511, test=-2917.299)
total time= 7.2s
[CV 3/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-240.149, test=-2944.651)
total time= 14.4s
[CV 1/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-38.078, test=-2715.078)
total time= 29.3s
[CV 4/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 4/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-15.176, test=-2872.074)
total time= 36.4s

[CV 4/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 4/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1795.318, test=-2617.471)
total time= 1.4s

[CV 1/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 3/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1389.227, test=-2870.340)
total time= 3.0s

[CV 1/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 1/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-535.739, test=-2741.752)
total time= 7.3s

[CV 4/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 4/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-499.799, test=-2828.539)
total time= 7.2s

[CV 2/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 2/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-154.961, test=-2553.368)
total time= 14.5s

[CV 5/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 5/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-167.243, test=-2948.498)
total time= 14.6s

[CV 1/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 1/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-8.234, test=-2705.728)
total time= 36.9s

[CV 4/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 4/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.060, test=-2909.204)
total time= 1.2min

[CV 2/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 2/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-4.703, test=-2579.888)
total time= 36.6s

[CV 5/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 5/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.203, test=-2967.927)
total time= 1.3min

[CV 4/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 4/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-5.912, test=-2895.042)
total time= 36.6s

[CV 2/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 2/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1904.409, test=-2442.434)
total time= 1.4s

[CV 4/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 4/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1795.518, test=-2614.497)
total time= 1.4s

[CV 1/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 1/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1437.227, test=-2597.996)
total time= 2.8s

[CV 3/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 3/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1442.985, test=-2858.974)
total time= 2.9s

[CV 1/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 1/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-756.364, test=-2665.403)
total time= 7.3s

[CV 4/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 4/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-650.521, test=-2801.740)
total time= 7.2s

[CV 2/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 2/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-232.205, test=-2701.283)
total time= 14.0s

[CV 5/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 5/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100;; score=(train=-247.295, test=-2903.052)
total time= 14.5s
[CV 1/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-18.642, test=-2755.891)
total time= 36.4s
[CV 4/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.766, test=-2871.822)
total time= 1.2min
[CV 2/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-12.732, test=-2574.659)
total time= 36.5s
[CV 5/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.711, test=-3002.639)
total time= 1.2min
[CV 3/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-17.304, test=-2969.968)
total time= 36.6s
[CV 1/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1853.260, test=-2517.121)
total time= 1.4s
[CV 2/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1904.414, test=-2429.987)
total time= 1.4s
[CV 3/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1813.108, test=-2798.518)
total time= 1.4s
[CV 5/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1769.762, test=-2744.730)
total time= 1.4s
[CV 2/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 2/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1517.513, test=-2522.467)
total time= 2.9s
[CV 4/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-6.952, test=-2750.954)
total time= 37.0s
[CV 4/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.066, test=-2873.108)
total time= 1.2min
[CV 2/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-4.271, test=-2553.194)
total time= 36.5s
[CV 5/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.040, test=-2920.847)
total time= 1.2min
[CV 3/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-16.806, test=-2946.746)
total time= 37.0s
[CV 1/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1853.251, test=-2518.638)
total time= 1.4s
[CV 2/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1904.409, test=-2443.465)
total time= 1.4s
[CV 4/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1795.318, test=-2621.031)
total time= 1.4s
[CV 2/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

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[CV 2/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1517.514, test=-2502.706)
total time= 2.9s

[CV 4/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 4/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1366.722, test=-2700.261)
total time= 2.9s

[CV 2/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 2/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-672.697, test=-2556.607)
total time= 7.1s

[CV 4/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 4/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-647.734, test=-2836.955)
total time= 7.2s

[CV 2/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 2/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-220.834, test=-2588.668)
total time= 14.4s

[CV 5/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 5/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-247.295, test=-2901.053)
total time= 14.6s

[CV 1/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 1/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-16.157, test=-2689.954)
total time= 36.7s

[CV 4/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 4/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.766, test=-2878.977)
total time= 1.2min

[CV 2/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 2/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-11.633, test=-2595.241)
total time= 36.3s

[CV 5/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 5/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.955, test=-2918.053)
total time= 1.2min

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[CV 4/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-15.176, test=-2877.575)
total time= 36.5s
[CV 1/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2202.374, test=-2451.494)
total time= 0.6s
[CV 3/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2182.468, test=-2769.576)
total time= 0.6s
[CV 5/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2195.306, test=-2749.334)
total time= 0.6s
[CV 2/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1997.791, test=-2503.367)
total time= 1.2s
[CV 4/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1928.425, test=-2766.973)
total time= 1.2s
[CV 1/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1307.233, test=-2742.117)
total time= 3.1s
[CV 3/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1267.190, test=-3104.976)
total time= 3.0s
[CV 1/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-653.147, test=-2856.405)
total time= 6.1s
[CV 4/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100;; score=(train=-646.619, test=-2982.317)
total time= 6.1s
[CV 2/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-41.437, test=-2706.377)
total time= 29.6s
[CV 4/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-15.176, test=-2877.854)
total time= 36.6s
[CV 3/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1813.093, test=-2799.353)
total time= 1.4s
[CV 5/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1769.762, test=-2748.192)
total time= 1.4s
[CV 1/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1337.850, test=-2594.962)
total time= 2.9s
[CV 3/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1442.976, test=-2856.654)
total time= 2.9s
[CV 1/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-652.285, test=-2677.969)
total time= 7.3s
[CV 5/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-674.727, test=-2888.133)
total time= 7.2s
[CV 3/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-240.149, test=-2943.436)

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total time= 14.6s
[CV 1/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-37.508, test=-2623.692)
total time= 29.3s
[CV 4/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-15.176, test=-2875.815)
total time= 36.8s
[CV 2/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1904.409, test=-2440.861)
total time= 1.4s
[CV 4/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1795.318, test=-2622.541)
total time= 1.4s
[CV 1/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1431.691, test=-2597.501)
total time= 2.9s
[CV 3/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1442.976, test=-2862.460)
total time= 2.9s
[CV 1/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-685.464, test=-2752.872)
total time= 7.2s
[CV 4/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-631.214, test=-2824.572)
total time= 7.1s
[CV 2/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-208.289, test=-2593.943)
total time= 14.4s
[CV 5/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 5/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-247.295, test=-2899.553)
total time= 14.6s

[CV 1/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-21.623, test=-2616.162)
total time= 36.7s

[CV 4/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.343, test=-2910.387)
total time= 1.2min

[CV 2/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-13.053, test=-2591.207)
total time= 36.4s

[CV 5/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 5/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.955, test=-2918.578)
total time= 1.2min

[CV 2/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 2/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1314.190, test=-2601.698)
total time= 3.1s

[CV 5/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 5/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1241.415, test=-2926.376)
total time= 3.1s

[CV 3/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 3/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-670.052, test=-3123.852)
total time= 6.2s

[CV 2/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 2/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-214.450, test=-2789.086)
total time= 12.2s

[CV 5/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 5/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-114.647, test=-3097.704)
total time= 15.4s

[CV 4/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 4/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-5.183, test=-2884.708)
total time= 36.6s

[CV 4/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 4/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-1679.222, test=-2628.345)
total time= 1.4s

[CV 5/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 5/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-1767.505, test=-2764.283)
total time= 1.4s

[CV 2/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 2/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-1318.843, test=-2456.187)
total time= 2.8s

[CV 5/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 5/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-1204.042, test=-2846.006)
total time= 2.9s

[CV 3/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 3/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-556.151, test=-2989.766)
total time= 7.3s

[CV 1/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 1/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-171.873, test=-2764.687)
total time= 14.7s

[CV 4/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 4/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-157.551, test=-2895.959)
total time= 14.7s

[CV 3/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 3/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-18.561, test=-2970.880)
total time= 29.6s

[CV 1/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 1/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=500;; score=(train=-0.633, test=-2750.298)
total time= 1.2min
[CV 3/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-40.312, test=-2943.731)
total time= 29.5s
[CV 1/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1.037, test=-2708.819)
total time= 1.2min
[CV 2/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-28.757, test=-2596.283)
total time= 29.0s
[CV 5/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-22.450, test=-2905.955)
total time= 36.9s
[CV 5/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1436.836, test=-2780.154)
total time= 2.9s
[CV 3/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-757.983, test=-2878.576)
total time= 7.4s
[CV 1/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-216.748, test=-2742.533)
total time= 14.4s
[CV 4/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-186.543, test=-2888.049)
total time= 14.4s
[CV 3/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-44.162, test=-2914.072)
total time= 29.5s
[CV 2/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 2/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.020, test=-2588.088)
total time= 1.2min
[CV 3/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-40.312, test=-2947.518)
total time= 29.7s
[CV 1/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1.556, test=-2705.075)
total time= 1.2min
[CV 3/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-112.250, test=-3245.413)
total time= 15.2s
[CV 5/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-7.127, test=-3032.507)
total time= 30.5s
[CV 3/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-111.705, test=-3163.540)
total time= 15.4s
[CV 1/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2260.986, test=-2449.811)
total time= 0.6s
[CV 4/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2229.593, test=-2705.440)
total time= 0.6s
[CV 2/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2044.767, test=-2484.149)
total time= 1.2s
[CV 4/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-142.429, test=-2882.566)
total time= 14.4s
[CV 5/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 5/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-22.309, test=-2941.602)
total time= 29.5s
[CV 2/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.134, test=-2499.634)
total time= 1.2min
[CV 3/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-15.988, test=-2976.875)
total time= 29.4s
[CV 1/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.465, test=-2795.300)
total time= 1.2min
[CV 5/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-24.298, test=-2965.474)
total time= 29.8s
[CV 3/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.122, test=-3008.819)
total time= 1.2min
[CV 5/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-45.720, test=-2918.383)
total time= 29.7s
[CV 3/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.470, test=-2946.251)
total time= 1.2min
[CV 4/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-37.612, test=-2875.343)
total time= 29.3s
[CV 2/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.020, test=-2600.446)

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total time= 1.2min
[CV 4/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-37.612, test=-2876.724)
total time= 29.2s
[CV 1/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.332, test=-2708.553)
total time= 1.2min
[CV 2/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-32.045, test=-2606.607)
total time= 29.3s
[CV 5/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-22.450, test=-2911.612)
total time= 37.2s
[CV 4/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1227.224, test=-2911.606)
total time= 3.1s
[CV 2/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-687.082, test=-2779.736)
total time= 6.2s
[CV 5/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-649.482, test=-3007.371)
total time= 6.2s
[CV 3/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-205.896, test=-3269.349)
total time= 12.4s
[CV 1/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-111.891, test=-2889.109)
total time= 15.4s
[CV 2/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

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[CV 2/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-7.003, test=-2856.581)
total time= 30.7s
[CV 3/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-203.998, test=-3182.921)
total time= 12.3s
[CV 1/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-6.300, test=-2878.720)
total time= 31.0s
[CV 2/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-237.365, test=-2758.975)
total time= 12.3s
[CV 5/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-129.657, test=-2998.217)
total time= 15.6s
[CV 4/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1909.863, test=-2781.864)
total time= 1.1s
[CV 1/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1356.028, test=-2743.709)
total time= 3.1s
[CV 4/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1327.742, test=-3008.068)
total time= 3.1s
[CV 2/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-785.398, test=-2818.729)
total time= 6.1s
[CV 4/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1366.722, test=-2713.081)
total time= 2.9s
[CV 2/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

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[CV 2/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-672.711, test=-2549.135)
total time= 7.2s
[CV 5/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-597.802, test=-2894.170)
total time= 7.1s
[CV 3/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-240.149, test=-2939.711)
total time= 14.6s
[CV 1/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-37.903, test=-2730.477)
total time= 29.4s
[CV 3/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-16.806, test=-2944.497)
total time= 37.0s
[CV 2/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2294.771, test=-2410.984)
total time= 0.6s
[CV 4/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2220.835, test=-2723.021)
total time= 0.6s
[CV 1/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1936.015, test=-2623.387)
total time= 1.2s
[CV 3/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1909.115, test=-2853.428)
total time= 1.3s
[CV 5/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1895.247, test=-2831.333)
total time= 1.3s

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[CV 2/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1292.071, test=-2631.186)
total time= 3.1s
[CV 5/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1251.770, test=-2936.646)
total time= 3.1s
[CV 3/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-666.843, test=-3230.275)
total time= 6.2s
[CV 1/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-194.448, test=-2909.400)
total time= 12.4s
[CV 4/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-184.861, test=-2999.978)
total time= 12.3s
[CV 2/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-116.122, test=-2834.084)
total time= 15.4s
[CV 4/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-5.413, test=-3018.804)
total time= 30.8s
[CV 2/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-114.881, test=-2771.113)
total time= 15.4s
[CV 5/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-6.260, test=-3026.955)
total time= 30.4s
[CV 3/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250;; score=(train=-140.812, test=-3161.816)
total time= 15.4s
[CV 1/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2262.284, test=-2444.960)
total time= 0.6s
[CV 3/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2231.470, test=-2780.064)
total time= 0.6s
[CV 5/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2200.140, test=-2756.937)
total time= 0.6s
[CV 2/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2065.508, test=-2547.985)
total time= 1.3s
[CV 5/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1950.384, test=-2862.961)
total time= 1.2s
[CV 3/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1340.997, test=-3021.681)
total time= 3.1s
[CV 1/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-772.808, test=-2864.868)
total time= 6.1s
[CV 4/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-709.984, test=-3122.078)
total time= 6.2s
[CV 5/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-22.450, test=-2914.747)
total time= 36.8s
[CV 5/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20;; score=(train=-1436.836, test=-2778.569)
total time= 2.9s
[CV 3/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-740.953, test=-2926.906)
total time= 7.3s
[CV 1/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-257.838, test=-2694.156)
total time= 14.6s
[CV 4/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-209.489, test=-2889.668)
total time= 14.8s
[CV 4/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-37.612, test=-2877.706)
total time= 29.5s
[CV 2/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.502, test=-2586.612)
total time= 1.2min
[CV 4/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-98.654, test=-3012.188)
total time= 15.3s
[CV 1/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2203.256, test=-2445.909)
total time= 0.6s
[CV 2/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2294.771, test=-2416.290)
total time= 0.6s
[CV 3/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2182.454, test=-2767.092)
total time= 0.6s
[CV 5/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=10
[CV 5/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2195.487, test=-2743.186)
total time= 0.6s
[CV 2/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1997.791, test=-2501.475)
total time= 1.2s
[CV 4/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1929.444, test=-2766.973)
total time= 1.3s
[CV 1/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1272.600, test=-2735.596)
total time= 3.1s
[CV 4/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1252.243, test=-2930.936)
total time= 3.1s
[CV 2/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-733.189, test=-2730.580)
total time= 6.2s
[CV 1/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-193.764, test=-2869.909)
total time= 12.4s
[CV 4/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-107.772, test=-3053.665)
total time= 15.5s
[CV 2/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2307.649, test=-2402.620)
total time= 0.6s
[CV 5/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2171.532, test=-2772.218)

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total time= 0.6s
[CV 3/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1905.645, test=-2846.157)
total time= 1.3s
[CV 1/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1331.680, test=-2711.530)
total time= 3.1s
[CV 4/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1313.679, test=-3022.822)
total time= 3.1s
[CV 2/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-747.353, test=-2712.781)
total time= 6.2s
[CV 5/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-735.705, test=-2906.872)
total time= 6.1s
[CV 1/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-129.698, test=-2831.550)
total time= 15.4s
[CV 4/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-8.655, test=-3144.653)
total time= 30.6s
[CV 2/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-159.352, test=-2905.398)
total time= 15.3s
[CV 1/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1403.239, test=-2586.917)
total time= 2.8s
[CV 3/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1442.985, test=-2853.875)

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total time= 2.9s
[CV 1/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-652.417, test=-2684.569)
total time= 7.1s
[CV 4/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-631.214, test=-2825.454)
total time= 7.1s
[CV 2/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-220.834, test=-2582.757)
total time= 14.3s
[CV 5/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-247.295, test=-2900.748)
total time= 14.3s
[CV 1/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-17.625, test=-2643.142)
total time= 36.1s
[CV 4/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.766, test=-2871.914)
total time= 1.2min
[CV 3/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-5.969, test=-3268.378)
total time= 30.4s
[CV 1/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-113.215, test=-2857.206)
total time= 15.3s
[CV 4/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-6.243, test=-3030.848)
total time= 30.9s
[CV 2/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

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[CV 2/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-133.966, test=-2774.285)
total time= 15.6s

[CV 5/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 5/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-9.213, test=-2981.360)
total time= 30.8s

[CV 4/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-140.752, test=-3194.003)
total time= 15.4s

[CV 2/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 2/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2295.816, test=-2395.646)
total time= 0.6s

[CV 4/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 4/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2174.879, test=-2690.262)
total time= 0.6s

[CV 1/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 1/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1929.818, test=-2526.244)
total time= 1.2s

[CV 4/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 4/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1915.729, test=-2775.076)
total time= 1.2s

[CV 2/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 2/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1415.266, test=-2588.130)
total time= 3.1s

[CV 5/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 5/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1325.262, test=-2961.314)
total time= 3.2s

[CV 3/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 3/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-712.616, test=-3043.359)
total time= 6.3s

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[CV 1/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-233.800, test=-2854.745)
total time= 12.1s
[CV 4/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-151.104, test=-3197.442)
total time= 15.3s
[CV 1/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1929.818, test=-2526.132)
total time= 1.2s
[CV 4/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1915.729, test=-2757.484)
total time= 1.2s
[CV 2/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1415.266, test=-2595.560)
total time= 3.1s
[CV 1/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-750.847, test=-2804.765)
total time= 6.1s
[CV 4/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-739.860, test=-3090.516)
total time= 6.1s
[CV 3/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-231.023, test=-3171.722)
total time= 12.2s
[CV 3/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2181.298, test=-2805.385)
total time= 0.6s
[CV 1/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20;; score=(train=-1964.546, test=-2566.381)
total time= 1.3s
[CV 4/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1913.283, test=-2815.141)
total time= 1.2s
[CV 2/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1400.298, test=-2675.566)
total time= 3.1s
[CV 5/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1261.939, test=-2889.435)
total time= 3.1s
[CV 3/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-738.698, test=-3142.265)
total time= 6.0s
[CV 1/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-219.563, test=-2817.763)
total time= 12.3s
[CV 4/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-113.786, test=-3108.467)
total time= 15.6s
[CV 2/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2334.707, test=-2456.087)
total time= 0.6s
[CV 4/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2235.877, test=-2707.811)
total time= 0.6s
[CV 1/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2024.131, test=-2521.979)
total time= 1.2s
[CV 3/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=20
[CV 3/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1924.496, test=-2894.015)
total time= 1.2s
[CV 2/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1403.527, test=-2696.662)
total time= 3.1s
[CV 5/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1317.891, test=-2943.034)
total time= 3.1s
[CV 3/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-737.291, test=-3069.574)
total time= 6.2s
[CV 1/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-258.177, test=-2920.832)
total time= 12.4s
[CV 3/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-157.882, test=-3114.876)
total time= 15.4s
[CV 1/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2246.992, test=-2446.315)
total time= 0.6s
[CV 3/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2180.841, test=-2794.295)
total time= 0.6s
[CV 5/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2178.192, test=-2754.453)
total time= 0.6s
[CV 2/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2022.061, test=-2470.741)

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total time= 1.2s
[CV 5/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1921.368, test=-2838.097)
total time= 1.3s
[CV 3/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1298.542, test=-2953.886)
total time= 3.1s
[CV 1/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-750.847, test=-2790.049)
total time= 6.3s
[CV 4/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-739.860, test=-3082.713)
total time= 6.3s
[CV 4/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-254.783, test=-3189.753)
total time= 12.3s
[CV 3/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-11.081, test=-3095.991)
total time= 30.5s
[CV 5/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-231.814, test=-3058.185)
total time= 12.3s
[CV 3/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-208.745, test=-2874.658)
total time= 12.2s
[CV 5/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-200.987, test=-3050.658)
total time= 12.2s
[CV 5/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

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[CV 5/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-111.908, test=-3048.235)
total time= 15.1s
[CV 4/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2220.835, test=-2723.021)
total time= 0.6s
[CV 1/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1936.851, test=-2576.763)
total time= 1.2s
[CV 3/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1911.724, test=-2857.386)
total time= 1.2s
[CV 5/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1886.314, test=-2855.102)
total time= 1.2s
[CV 3/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1266.277, test=-3052.171)
total time= 3.0s
[CV 1/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-672.153, test=-2851.163)
total time= 6.1s
[CV 4/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-651.732, test=-2975.624)
total time= 6.1s
[CV 4/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-191.995, test=-3048.831)
total time= 12.2s
[CV 2/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-7.140, test=-2797.908)
total time= 30.9s

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[CV 3/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 3/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-243.257, test=-3156.608) total time= 12.3s

[CV 1/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 1/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-8.515, test=-2818.212) total time= 31.0s

[CV 2/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 2/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-266.861, test=-2888.669) total time= 12.3s

[CV 5/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 5/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-139.200, test=-3015.477) total time= 15.4s

[CV 3/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 3/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-1882.644, test=-2902.977) total time= 1.3s

[CV 1/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 1/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-1327.451, test=-2713.136) total time= 3.1s

[CV 4/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 4/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-1332.701, test=-2915.775) total time= 3.2s

[CV 2/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 2/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-792.471, test=-2707.819) total time= 6.1s

[CV 5/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 5/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-749.919, test=-3019.401) total time= 6.1s

[CV 1/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 1/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250;; score=(train=-137.612, test=-2859.595)
total time= 15.2s
[CV 4/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-11.411, test=-3200.367)
total time= 30.7s
[CV 2/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-148.998, test=-2797.125)
total time= 15.3s
[CV 5/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-11.030, test=-3095.838)
total time= 30.4s
[CV 3/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-137.324, test=-3180.648)
total time= 15.3s
[CV 1/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2256.208, test=-2452.874)
total time= 0.6s
[CV 2/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2296.426, test=-2396.641)
total time= 0.7s
[CV 4/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2174.879, test=-2706.576)
total time= 0.7s
[CV 3/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-740.953, test=-2924.660)
total time= 7.3s
[CV 1/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-227.214, test=-2687.565)
total time= 14.6s
[CV 4/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100;; score=(train=-198.742, test=-2884.264)
total time= 14.5s
[CV 2/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-32.229, test=-2681.052)
total time= 29.0s
[CV 5/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-22.450, test=-2922.297)
total time= 37.0s
[CV 5/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1291.970, test=-2756.324)
total time= 2.9s
[CV 3/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-740.953, test=-2925.098)
total time= 7.3s
[CV 1/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-222.437, test=-2725.053)
total time= 14.7s
[CV 4/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-210.366, test=-2851.700)
total time= 14.5s
[CV 5/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-45.720, test=-2912.617)
total time= 29.6s
[CV 3/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.580, test=-2974.819)
total time= 1.2min
[CV 5/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-45.720, test=-2908.086)
total time= 29.4s
[CV 3/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 3/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.460, test=-2974.954)
total time= 1.2min
[CV 5/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-45.720, test=-2913.321)
total time= 29.5s
[CV 3/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.686, test=-2947.508)
total time= 1.3min
[CV 1/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-5.876, test=-2938.918)
total time= 30.7s
[CV 5/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-666.377, test=-3012.682)
total time= 6.2s
[CV 5/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-205.747, test=-3111.255)
total time= 12.4s
[CV 3/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-6.456, test=-3171.088)
total time= 31.0s
[CV 5/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-235.107, test=-3000.852)
total time= 12.4s
[CV 3/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-9.548, test=-3184.893)
total time= 30.9s
[CV 5/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-233.911, test=-3013.366)

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total time= 12.3s
[CV 3/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-11.987, test=-3132.091)
total time= 31.2s
[CV 5/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-231.814, test=-3060.991)
total time= 12.1s
[CV 2/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-11.244, test=-2791.833)
total time= 29.9s
[CV 4/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-254.783, test=-3185.432)
total time= 12.2s
[CV 2/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-11.244, test=-2826.545)
total time= 30.3s
[CV 2/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-261.116, test=-2780.700)
total time= 12.1s
[CV 5/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-135.402, test=-3085.786)
total time= 15.3s
[CV 5/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1912.922, test=-2792.245)
total time= 1.2s
[CV 3/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1321.433, test=-3001.961)
total time= 3.1s
[CV 1/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

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[CV 1/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-688.903, test=-2814.283)
total time= 6.2s
[CV 4/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-678.015, test=-3062.219)
total time= 6.2s
[CV 4/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-203.904, test=-3127.046)
total time= 12.3s
[CV 2/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-9.124, test=-2784.903)
total time= 30.9s
[CV 3/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-262.392, test=-3094.199)
total time= 12.3s
[CV 1/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-11.712, test=-2878.578)
total time= 30.9s
[CV 2/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-261.116, test=-2796.290)
total time= 12.2s
[CV 5/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-135.402, test=-3070.700)
total time= 15.3s
[CV 3/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1897.296, test=-2905.178)
total time= 1.2s
[CV 1/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1327.451, test=-2719.627)
total time= 3.0s

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[CV 4/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1332.701, test=-2929.409)
total time= 3.1s
[CV 2/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-792.471, test=-2713.652)
total time= 6.1s
[CV 5/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-749.919, test=-3060.361)
total time= 6.1s
[CV 1/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-137.612, test=-2848.638)
total time= 15.2s
[CV 4/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-11.411, test=-3201.186)
total time= 30.5s
[CV 2/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-148.998, test=-2802.104)
total time= 15.2s
[CV 5/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-11.030, test=-3069.440)
total time= 30.7s
[CV 3/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-164.878, test=-3182.955)
total time= 15.2s
[CV 1/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2245.618, test=-2477.858)
total time= 0.6s
[CV 2/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10;; score=(train=-2319.757, test=-2421.169)
total time= 0.6s
[CV 3/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2210.291, test=-2768.376)
total time= 0.6s
[CV 5/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2206.618, test=-2743.923)
total time= 0.6s
[CV 2/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2072.851, test=-2490.234)
total time= 1.2s
[CV 5/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1914.456, test=-2853.840)
total time= 1.2s
[CV 3/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1376.085, test=-2962.432)
total time= 3.0s
[CV 1/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-813.793, test=-2858.023)
total time= 6.1s
[CV 4/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-10.747, test=-3020.589)
total time= 30.9s
[CV 3/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-135.476, test=-3089.677)
total time= 15.2s
[CV 1/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2246.992, test=-2437.954)

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total time= 0.6s
[CV 2/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2295.816, test=-2390.594)
total time= 0.6s
[CV 3/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2180.841, test=-2801.575)
total time= 0.6s
[CV 4/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2174.879, test=-2706.576)
total time= 0.7s
[CV 5/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2178.192, test=-2757.743)
total time= 0.6s
[CV 2/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2022.061, test=-2465.245)
total time= 1.2s
[CV 5/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1921.368, test=-2837.647)
total time= 1.2s
[CV 3/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1298.542, test=-2959.042)
total time= 3.0s
[CV 5/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1325.262, test=-2972.733)
total time= 3.1s
[CV 3/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-712.616, test=-3038.317)
total time= 6.1s
[CV 1/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 1/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-233.800, test=-2856.342)
total time= 12.2s
[CV 4/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-151.104, test=-3197.988)
total time= 15.2s
[CV 2/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2295.816, test=-2395.646)
total time= 0.6s
[CV 4/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2174.879, test=-2706.576)
total time= 0.6s
[CV 1/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1929.818, test=-2533.641)
total time= 1.2s
[CV 3/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1897.296, test=-2906.770)
total time= 1.2s
[CV 1/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1327.451, test=-2709.643)
total time= 3.1s
[CV 4/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1332.701, test=-2930.802)
total time= 3.1s
[CV 2/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-792.471, test=-2719.608)
total time= 6.1s
[CV 5/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-749.919, test=-3035.309)
total time= 6.2s

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[CV 1/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-137.612, test=-2861.876)
total time= 15.2s
[CV 4/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-11.411, test=-3206.408)
total time= 30.7s
[CV 2/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-165.302, test=-2850.487)
total time= 15.2s
[CV 5/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-16.006, test=-3028.696)
total time= 30.6s
[CV 3/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-211.568, test=-3143.889)
total time= 15.2s
[CV 1/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2245.618, test=-2474.567)
total time= 0.6s
[CV 3/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-240.555, test=-3220.772)
total time= 12.3s
[CV 2/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-12.056, test=-2897.369)
total time= 30.9s
[CV 3/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-225.737, test=-3066.778)
total time= 12.2s
[CV 1/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500
[CV 1/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-10.066, test=-2865.286)
total time= 30.5s
[CV 2/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-261.116, test=-2770.889)
total time= 12.2s
[CV 5/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-135.402, test=-3100.927)
total time= 15.3s
[CV 4/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1915.729, test=-2758.324)
total time= 1.2s
[CV 2/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1415.266, test=-2596.627)
total time= 3.1s
[CV 5/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1325.262, test=-2966.875)
total time= 3.1s
[CV 3/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-712.616, test=-3032.003)
total time= 6.1s
[CV 1/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-233.800, test=-2849.156)
total time= 11.9s
[CV 4/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-151.104, test=-3187.310)
total time= 15.3s
[CV 3/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2191.798, test=-2787.202)

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total time= 0.7s
[CV 5/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2195.246, test=-2755.206)
total time= 0.7s
[CV 2/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2023.739, test=-2465.435)
total time= 1.2s
[CV 5/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1957.703, test=-2814.242)
total time= 1.2s
[CV 3/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1349.515, test=-3018.967)
total time= 2.8s
[CV 5/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1385.900, test=-2895.227)
total time= 3.0s
[CV 2/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-800.867, test=-2775.563)
total time= 6.1s
[CV 5/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-780.062, test=-3015.250)
total time= 6.1s
[CV 1/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-167.039, test=-2918.025)
total time= 15.2s
[CV 4/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-14.811, test=-3176.291)
total time= 30.3s
[CV 2/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

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[CV 2/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-192.241, test=-2790.848)
total time= 15.1s
[CV 5/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-20.581, test=-3221.621)
total time= 30.4s
[CV 3/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-211.568, test=-3146.356)
total time= 15.3s
[CV 1/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2245.618, test=-2477.047)
total time= 0.6s
[CV 2/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2319.757, test=-2422.740)
total time= 0.6s
[CV 4/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2212.879, test=-2682.748)
total time= 0.6s
[CV 5/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1949.099, test=-2868.003)
total time= 1.2s
[CV 1/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1405.317, test=-2715.338)
total time= 3.0s
[CV 4/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1354.538, test=-2905.290)
total time= 3.1s
[CV 3/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100;; score=(train=-770.979, test=-3163.447)
total time= 6.1s
[CV 1/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-273.528, test=-2925.082)
total time= 12.2s
[CV 4/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-156.368, test=-3156.984)
total time= 15.2s
[CV 4/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2212.879, test=-2686.164)
total time= 0.6s
[CV 1/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1975.033, test=-2527.304)
total time= 1.2s
[CV 3/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1943.022, test=-2795.654)
total time= 1.2s
[CV 1/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1387.232, test=-2716.143)
total time= 3.0s
[CV 4/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1388.970, test=-3010.084)
total time= 3.1s
[CV 2/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-852.382, test=-2735.174)
total time= 6.3s
[CV 1/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-317.211, test=-2900.316)
total time= 12.2s
[CV 4/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250
[CV 4/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-182.941, test=-3280.342)
total time= 15.1s
[CV 2/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2319.757, test=-2422.740)
total time= 0.6s
[CV 4/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2212.879, test=-2686.164)
total time= 0.6s
[CV 1/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1975.033, test=-2526.568)
total time= 1.2s
[CV 4/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1966.224, test=-2794.205)
total time= 1.2s
[CV 2/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1474.308, test=-2652.181)
total time= 3.1s
[CV 5/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1377.873, test=-3042.757)
total time= 3.0s
[CV 3/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-808.153, test=-3081.992)
total time= 6.1s
[CV 1/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-317.211, test=-2905.667)
total time= 12.1s
[CV 4/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-182.941, test=-3299.641)

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total time= 15.2s
[CV 3/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2210.291, test=-2768.376)
total time= 0.6s
[CV 1/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1975.033, test=-2530.149)
total time= 1.2s
[CV 3/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1943.022, test=-2795.654)
total time= 1.2s
[CV 1/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1387.232, test=-2717.526)
total time= 3.0s
[CV 4/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1388.970, test=-3002.033)
total time= 3.0s
[CV 2/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-725.546, test=-3037.024)
total time= 6.2s
[CV 1/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-147.247, test=-2869.232)
total time= 15.3s
[CV 4/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-10.732, test=-3220.794)
total time= 31.1s
[CV 2/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-148.998, test=-2796.857)
total time= 15.4s

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[CV 5/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-11.030, test=-3063.628)
total time= 30.7s
[CV 3/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-135.476, test=-3096.290)
total time= 15.2s
[CV 1/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2246.992, test=-2444.072)
total time= 0.6s
[CV 3/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2180.996, test=-2796.243)
total time= 0.6s
[CV 5/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2178.192, test=-2769.501)
total time= 0.6s
[CV 2/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2022.061, test=-2465.196)
total time= 1.2s
[CV 5/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1921.368, test=-2830.167)
total time= 1.2s
[CV 3/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1298.542, test=-2958.917)
total time= 3.1s
[CV 1/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-750.847, test=-2786.153)
total time= 6.1s
[CV 4/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-739.860, test=-3079.375)
total time= 6.2s
[CV 4/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-254.783, test=-3186.280)
total time= 12.2s
[CV 2/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-11.244, test=-2806.407)
total time= 30.7s
[CV 3/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-267.557, test=-3189.528)
total time= 12.2s
[CV 1/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-18.086, test=-2930.630)
total time= 30.7s
[CV 3/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-339.635, test=-3130.980)
total time= 12.2s
[CV 1/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-22.217, test=-2933.854)
total time= 30.4s
[CV 2/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-312.165, test=-2768.563)
total time= 12.1s
[CV 5/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-183.725, test=-3225.726)
total time= 15.2s
[CV 4/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1966.224, test=-2791.405)
total time= 1.2s
[CV 2/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 2/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1474.308, test=-2656.394)
total time= 3.0s
[CV 5/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1377.873, test=-3041.757)
total time= 3.1s
[CV 3/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-808.153, test=-3077.196)
total time= 6.1s
[CV 1/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-317.211, test=-2906.163)
total time= 12.3s
[CV 4/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-182.941, test=-3270.927)
total time= 15.4s
[CV 4/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2004.765, test=-2558.870)
total time= 1.3s
[CV 4/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1917.932, test=-2762.793)
total time= 1.2s
[CV 2/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1420.403, test=-2652.286)
total time= 3.0s
[CV 1/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-800.911, test=-2874.622)
total time= 6.1s
[CV 4/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

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[CV 4/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-755.361, test=-3054.267)
total time= 6.1s
[CV 4/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-271.943, test=-3138.894)
total time= 12.2s
[CV 2/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-14.105, test=-2828.660)
total time= 30.1s
[CV 2/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-312.165, test=-2774.053)
total time= 12.1s
[CV 5/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-183.725, test=-3225.641)
total time= 15.1s
[CV 3/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1943.022, test=-2797.634)
total time= 1.2s
[CV 1/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1387.232, test=-2715.741)
total time= 3.0s
[CV 4/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1388.970, test=-3001.091)
total time= 3.1s
[CV 2/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-852.382, test=-2741.670)
total time= 6.1s
[CV 5/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-826.777, test=-3129.446)
total time= 6.1s

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[CV 1/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-204.132, test=-2916.101)
total time= 15.2s
[CV 4/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-19.475, test=-3296.959)
total time= 30.3s
[CV 2/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-192.241, test=-2792.050)
total time= 15.2s
[CV 5/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-20.581, test=-3221.590)
total time= 30.1s
[CV 3/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-211.568, test=-3148.092)
total time= 15.1s
[CV 1/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2230.376, test=-2474.324)
total time= 0.6s
[CV 2/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2313.568, test=-2380.245)
total time= 0.6s
[CV 3/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2215.516, test=-2760.792)
total time= 0.6s
[CV 5/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2176.025, test=-2726.277)
total time= 0.6s
[CV 2/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-2022.068, test=-2457.918)
total time= 1.2s
[CV 5/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1951.142, test=-2813.579)
total time= 1.2s
[CV 3/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1396.551, test=-3009.361)
total time= 3.0s
[CV 1/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-843.396, test=-2795.021)
total time= 6.0s
[CV 4/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-818.358, test=-2946.297)
total time= 6.1s
[CV 5/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-10.066, test=-2870.803)
total time= 30.6s
[CV 3/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-231.023, test=-3188.657)
total time= 12.2s
[CV 1/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-10.066, test=-2870.381)
total time= 30.8s
[CV 2/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-276.893, test=-2821.671)
total time= 12.2s
[CV 5/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-165.422, test=-3028.343)

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total time= 15.3s
[CV 4/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1966.224, test=-2802.507)
total time= 1.2s
[CV 2/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1474.308, test=-2647.928)
total time= 3.0s
[CV 5/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1377.873, test=-3041.757)
total time= 3.0s
[CV 3/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-808.153, test=-3088.418)
total time= 6.1s
[CV 5/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-826.777, test=-3129.889)
total time= 6.2s
[CV 1/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-204.132, test=-2921.724)
total time= 15.1s
[CV 4/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-19.475, test=-3310.349)
total time= 30.3s
[CV 2/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-192.241, test=-2796.507)
total time= 15.2s
[CV 5/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-20.581, test=-3226.319)
total time= 30.3s
[CV 3/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 3/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-211.568, test=-3145.736)
total time= 15.2s
[CV 1/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2245.618, test=-2477.329)
total time= 0.6s
[CV 2/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2319.757, test=-2422.740)
total time= 0.6s
[CV 3/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2210.291, test=-2770.319)
total time= 0.6s
[CV 5/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2206.618, test=-2743.923)
total time= 0.6s
[CV 2/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2072.851, test=-2493.847)
total time= 1.2s
[CV 5/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1914.456, test=-2853.840)
total time= 1.2s
[CV 3/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1376.085, test=-2957.939)
total time= 3.0s
[CV 1/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-813.793, test=-2852.198)
total time= 6.1s
[CV 4/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-800.785, test=-3160.956)
total time= 6.1s

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[CV 5/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-314.953, test=-3216.285)
total time= 12.1s
[CV 3/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-23.334, test=-3167.507)
total time= 30.2s
[CV 4/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-311.338, test=-3002.234)
total time= 12.1s
[CV 2/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-26.582, test=-2824.882)
total time= 30.3s
[CV 2/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2212.879, test=-2688.382)
total time= 0.6s
[CV 1/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1975.033, test=-2530.149)
total time= 1.2s
[CV 4/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1966.224, test=-2792.263)
total time= 1.2s
[CV 2/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1474.308, test=-2649.331)
total time= 3.0s
[CV 5/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1377.873, test=-3042.757)
total time= 3.1s
[CV 3/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100;; score=(train=-808.153, test=-3081.269)
total time= 6.1s
[CV 1/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-317.211, test=-2907.256)
total time= 12.1s
[CV 4/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-182.941, test=-3276.097)
total time= 15.1s
[CV 4/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2219.757, test=-2632.197)
total time= 0.6s
[CV 1/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2006.303, test=-2537.478)
total time= 1.2s
[CV 4/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1941.516, test=-2633.267)
total time= 1.2s
[CV 2/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1503.217, test=-2593.307)
total time= 3.0s
[CV 5/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1478.614, test=-2931.824)
total time= 3.1s
[CV 3/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-831.486, test=-3224.816)
total time= 6.0s
[CV 1/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-368.827, test=-2847.249)
total time= 12.1s
[CV 4/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250
[CV 4/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-198.631, test=-3003.931)
total time= 15.1s
[CV 3/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2215.516, test=-2759.973)
total time= 0.6s
[CV 5/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2176.025, test=-2722.499)
total time= 0.6s
[CV 2/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2022.068, test=-2461.219)
total time= 1.2s
[CV 4/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1941.516, test=-2640.759)
total time= 1.2s
[CV 2/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1503.217, test=-2596.443)
total time= 3.0s
[CV 5/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1478.614, test=-2924.699)
total time= 3.0s
[CV 3/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-831.486, test=-3230.832)
total time= 6.1s
[CV 1/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-368.827, test=-2846.063)
total time= 12.1s
[CV 4/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-198.631, test=-3007.234)

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total time= 15.2s
[CV 3/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2215.516, test=-2759.973)
total time= 0.6s
[CV 5/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2176.025, test=-2719.839)
total time= 0.6s
[CV 2/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2022.068, test=-2464.036)
total time= 1.2s
[CV 5/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1951.142, test=-2803.643)
total time= 1.2s
[CV 3/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-11.081, test=-3090.293)
total time= 30.7s
[CV 5/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-231.814, test=-3064.932)
total time= 12.3s
[CV 3/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-11.081, test=-3096.468)
total time= 30.9s
[CV 5/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-264.666, test=-3013.091)
total time= 12.3s
[CV 3/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-14.721, test=-3190.116)
total time= 30.7s
[CV 5/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-314.953, test=-3220.990)

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total time= 12.1s
[CV 3/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-23.334, test=-3169.081)
total time= 30.4s
[CV 4/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-276.462, test=-3269.114)
total time= 12.2s
[CV 2/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-21.265, test=-2789.639)
total time= 30.4s
[CV 3/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-339.635, test=-3127.202)
total time= 12.1s
[CV 1/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-22.217, test=-2927.552)
total time= 30.2s
[CV 2/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-312.165, test=-2781.162)
total time= 12.0s
[CV 5/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-183.725, test=-3223.141)
total time= 15.1s
[CV 3/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1984.133, test=-2879.127)
total time= 1.2s
[CV 1/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1381.150, test=-2745.785)
total time= 3.0s
[CV 4/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

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[CV 4/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1335.910, test=-2859.823)
total time= 3.0s
[CV 2/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-875.325, test=-2727.498)
total time= 6.0s
[CV 5/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-852.070, test=-3066.399)
total time= 6.0s
[CV 1/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-235.758, test=-2873.872)
total time= 15.1s
[CV 4/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-27.668, test=-3032.893)
total time= 30.3s
[CV 2/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-209.861, test=-2828.824)
total time= 15.1s
[CV 5/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-35.283, test=-3136.580)
total time= 30.2s
[CV 3/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-227.195, test=-3299.281)
total time= 15.1s
[CV 1/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2230.376, test=-2473.875)
total time= 0.6s
[CV 2/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2313.568, test=-2383.000)
total time= 0.6s

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[CV 3/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2215.516, test=-2759.973)
total time= 0.6s
[CV 4/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2219.757, test=-2632.197)
total time= 0.6s
[CV 5/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2176.025, test=-2726.277)
total time= 0.6s
[CV 2/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2022.068, test=-2461.219)
total time= 1.2s
[CV 4/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-800.785, test=-3170.613)
total time= 6.0s
[CV 4/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-276.462, test=-3265.284)
total time= 12.1s
[CV 2/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-21.265, test=-2794.498)
total time= 30.3s
[CV 3/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-339.635, test=-3118.003)
total time= 12.1s
[CV 1/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-22.217, test=-2935.462)
total time= 30.3s
[CV 2/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-312.165, test=-2774.222)
total time= 12.1s

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[CV 5/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-183.725, test=-3226.483)
total time= 15.3s
[CV 3/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1943.022, test=-2797.623)
total time= 1.2s
[CV 1/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1387.232, test=-2715.464)
total time= 3.1s
[CV 4/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1388.970, test=-3021.488)
total time= 3.0s
[CV 2/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-852.382, test=-2730.734)
total time= 6.1s
[CV 5/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-826.777, test=-3132.705)
total time= 6.1s
[CV 1/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-204.132, test=-2918.937)
total time= 15.2s
[CV 4/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-19.475, test=-3300.059)
total time= 30.5s
[CV 2/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-209.861, test=-2839.243)
total time= 15.2s
[CV 5/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500;; score=(train=-35.283, test=-3124.237)
total time= 30.4s
[CV 3/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-227.195, test=-3298.293)
total time= 15.2s
[CV 1/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2230.376, test=-2474.324)
total time= 0.6s
[CV 2/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2313.568, test=-2387.206)
total time= 0.6s
[CV 4/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2219.757, test=-2632.297)
total time= 0.6s
[CV 1/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2006.303, test=-2537.478)
total time= 1.2s
[CV 4/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1941.516, test=-2633.267)
total time= 1.2s
[CV 2/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1503.217, test=-2595.993)
total time= 3.1s
[CV 5/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1478.614, test=-2930.399)
total time= 3.1s
[CV 3/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-831.486, test=-3231.296)
total time= 6.1s
[CV 1/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200
[CV 1/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-368.827, test=-2849.078)
total time= 12.2s
[CV 4/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-198.631, test=-3002.980)
total time= 15.2s
[CV 1/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2006.303, test=-2537.103)
total time= 1.2s
[CV 4/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1941.516, test=-2633.267)
total time= 1.2s
[CV 2/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-852.382, test=-2732.335)
total time= 6.1s
[CV 5/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-826.777, test=-3131.577)
total time= 6.1s
[CV 1/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-204.132, test=-2918.026)
total time= 15.2s
[CV 4/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-19.475, test=-3313.885)
total time= 30.4s
[CV 2/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-192.241, test=-2784.848)
total time= 15.1s
[CV 5/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-20.581, test=-3224.862)
total time= 30.3s
[CV 3/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250
[CV 3/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-227.195, test=-3297.564)
total time= 15.2s
[CV 1/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2230.376, test=-2473.875)
total time= 0.6s
[CV 2/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2313.568, test=-2380.245)
total time= 0.6s
[CV 4/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2219.757, test=-2639.244)
total time= 0.6s
[CV 1/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2006.303, test=-2537.478)
total time= 1.2s
[CV 3/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1984.133, test=-2882.212)
total time= 1.2s
[CV 1/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1381.150, test=-2745.602)
total time= 3.0s
[CV 4/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1335.910, test=-2858.568)
total time= 3.0s
[CV 2/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-875.325, test=-2733.955)
total time= 6.1s
[CV 5/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-852.070, test=-3056.880)

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total time= 6.1s
[CV 1/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-235.758, test=-2867.800)
total time= 15.1s
[CV 4/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-27.668, test=-3030.629)
total time= 30.3s
[CV 2/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-209.861, test=-2833.797)
total time= 15.2s
[CV 5/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-35.283, test=-3130.147)
total time= 30.6s
[CV 3/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-227.195, test=-3304.512)
total time= 15.2s
[CV 1/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1704.562, test=-2658.980)
total time= 1.0s
[CV 3/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1732.611, test=-2930.464)
total time= 1.0s
[CV 1/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1062.857, test=-2835.917)
total time= 2.0s
[CV 4/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1126.388, test=-3004.372)
total time= 2.0s
[CV 2/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

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[CV 2/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-366.895, test=-2828.329)
total time= 5.0s
[CV 5/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-352.962, test=-3225.203)
total time= 4.9s
[CV 3/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-46.874, test=-3213.829)
total time= 9.9s
[CV 5/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.524, test=-3199.268)
total time= 19.9s
[CV 3/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2210.291, test=-2768.376)
total time= 0.6s
[CV 5/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2206.618, test=-2743.923)
total time= 0.6s
[CV 2/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2072.851, test=-2491.504)
total time= 1.2s
[CV 5/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1914.456, test=-2853.840)
total time= 1.2s
[CV 3/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1376.085, test=-2960.686)
total time= 3.1s
[CV 1/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-813.793, test=-2857.471)
total time= 6.1s
[CV 4/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

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[CV 4/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-800.785, test=-3161.044)
total time= 6.1s
[CV 5/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-314.953, test=-3214.203)
total time= 12.2s
[CV 3/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-23.334, test=-3166.024)
total time= 30.5s
[CV 4/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-276.462, test=-3281.196)
total time= 12.2s
[CV 2/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-21.265, test=-2803.605)
total time= 30.6s
[CV 3/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-339.635, test=-3134.008)
total time= 12.2s
[CV 1/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-22.217, test=-2934.068)
total time= 30.4s
[CV 3/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-343.342, test=-3290.394)
total time= 12.2s
[CV 1/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-35.653, test=-2881.360)
total time= 30.4s
[CV 3/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-343.342, test=-3294.499)
total time= 12.2s

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[CV 2/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-26.582, test=-2827.873)
total time= 30.4s
[CV 3/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-343.342, test=-3291.218)
total time= 12.2s
[CV 1/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-35.653, test=-2885.564)
total time= 29.7s
[CV 2/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-326.412, test=-2826.560)
total time= 12.1s
[CV 5/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-238.966, test=-3113.525)
total time= 15.0s
[CV 4/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1759.711, test=-2840.274)
total time= 1.0s
[CV 2/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1209.200, test=-2730.842)
total time= 2.0s
[CV 5/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1106.575, test=-3136.280)
total time= 2.0s
[CV 3/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-317.346, test=-3115.648)
total time= 4.9s
[CV 1/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100;; score=(train=-45.651, test=-3008.919)
total time= 9.8s
[CV 2/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.227, test=-2813.462)
total time= 19.7s
[CV 5/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.242, test=-3146.773)
total time= 24.7s
[CV 1/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-355.272, test=-2782.690)
total time= 4.9s
[CV 5/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2206.618, test=-2743.923)
total time= 0.6s
[CV 2/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2072.851, test=-2493.734)
total time= 1.2s
[CV 5/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1914.456, test=-2853.840)
total time= 1.2s
[CV 3/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1376.085, test=-2958.995)
total time= 3.0s
[CV 1/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-813.793, test=-2852.044)
total time= 6.0s
[CV 4/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-800.785, test=-3171.721)
total time= 6.1s
[CV 5/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200;; score=(train=-314.953, test=-3220.396)
total time= 12.2s
[CV 3/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-23.334, test=-3166.223)
total time= 30.5s
[CV 4/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-276.462, test=-3275.168)
total time= 12.1s
[CV 2/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-21.265, test=-2787.764)
total time= 30.2s
[CV 2/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-326.412, test=-2826.174)
total time= 12.1s
[CV 5/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-238.966, test=-3115.534)
total time= 15.1s
[CV 5/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1951.142, test=-2804.314)
total time= 1.2s
[CV 3/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1396.551, test=-3009.361)
total time= 3.0s
[CV 1/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-843.396, test=-2788.505)
total time= 6.1s
[CV 4/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-818.358, test=-2944.747)
total time= 6.1s
[CV 5/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200
[CV 5/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-349.819, test=-3115.534)
total time= 12.1s
[CV 3/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-32.462, test=-3299.957)
total time= 30.2s
[CV 4/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-311.338, test=-2999.824)
total time= 12.1s
[CV 2/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-26.582, test=-2837.082)
total time= 30.6s
[CV 3/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-343.342, test=-3299.160)
total time= 11.9s
[CV 1/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-35.653, test=-2883.963)
total time= 30.2s
[CV 4/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-52.980, test=-3120.633)
total time= 9.8s
[CV 2/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.197, test=-2851.858)
total time= 24.7s
[CV 5/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3217.010)
total time= 49.6s
[CV 3/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.183, test=-3110.209)

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total time= 24.7s
[CV 1/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1789.764, test=-2551.714)
total time= 1.0s
[CV 2/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1816.940, test=-2421.760)
total time= 1.0s
[CV 3/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1812.778, test=-2925.397)
total time= 1.0s
[CV 3/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1396.551, test=-3007.534)
total time= 3.0s
[CV 1/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-843.396, test=-2788.902)
total time= 6.0s
[CV 4/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-818.358, test=-2942.734)
total time= 6.1s
[CV 5/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-349.819, test=-3111.370)
total time= 12.1s
[CV 3/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-32.462, test=-3297.064)
total time= 30.7s
[CV 5/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-349.819, test=-3123.899)
total time= 12.2s
[CV 3/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

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[CV 3/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-32.462, test=-3298.605)
total time= 30.2s
[CV 5/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-55.519, test=-3195.343)
total time= 9.9s
[CV 3/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.170, test=-3147.683)
total time= 24.9s
[CV 1/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1821.427, test=-2534.141)
total time= 1.1s
[CV 2/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1848.343, test=-2536.661)
total time= 1.1s
[CV 3/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1731.774, test=-2950.842)
total time= 1.1s
[CV 4/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1702.893, test=-2884.670)
total time= 1.0s
[CV 5/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1693.314, test=-2903.750)
total time= 1.0s
[CV 1/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1134.282, test=-2626.435)
total time= 2.0s
[CV 2/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1254.318, test=-2587.114)
total time= 2.0s

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[CV 3/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1121.955, test=-3019.303)
total time= 2.0s
[CV 5/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1140.217, test=-3015.731)
total time= 2.0s
[CV 3/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-370.008, test=-3122.304)
total time= 4.9s
[CV 1/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-56.091, test=-2757.308)
total time= 9.9s
[CV 4/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-56.602, test=-3283.592)
total time= 9.9s
[CV 2/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1.417, test=-2646.598)
total time= 19.8s
[CV 5/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.332, test=-3079.598)
total time= 24.8s
[CV 2/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-471.334, test=-2629.798)
total time= 4.9s
[CV 5/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-363.149, test=-3206.301)
total time= 4.9s
[CV 3/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100;; score=(train=-86.146, test=-3143.987)
total time= 9.9s
[CV 1/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-3.843, test=-2781.597)
total time= 19.8s
[CV 4/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.844, test=-2998.311)
total time= 24.7s
[CV 2/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-326.412, test=-2827.973)
total time= 12.1s
[CV 5/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-238.966, test=-3112.436)
total time= 15.2s
[CV 3/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1984.133, test=-2882.304)
total time= 1.2s
[CV 1/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1381.150, test=-2745.602)
total time= 3.0s
[CV 4/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1335.910, test=-2858.568)
total time= 3.0s
[CV 2/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-875.325, test=-2736.090)
total time= 6.1s
[CV 5/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-852.070, test=-3069.324)
total time= 6.1s
[CV 1/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=250
[CV 1/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-235.758, test=-2872.792)
total time= 15.1s
[CV 4/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-27.668, test=-3037.515)
total time= 30.2s
[CV 2/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-209.861, test=-2826.501)
total time= 15.1s
[CV 5/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-35.283, test=-3122.929)
total time= 30.4s
[CV 1/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.209, test=-2970.520)
total time= 24.8s
[CV 4/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3248.718)
total time= 49.4s
[CV 2/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.259, test=-2641.591)
total time= 24.7s
[CV 5/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3124.474)
total time= 49.4s
[CV 3/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.708, test=-3158.925)
total time= 24.7s
[CV 1/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1823.339, test=-2502.102)

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total time= 1.0s
[CV 3/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1854.391, test=-2913.977)
total time= 1.0s
[CV 5/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1749.796, test=-2908.242)
total time= 1.0s
[CV 2/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1286.673, test=-2672.332)
total time= 2.0s
[CV 4/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1380.820, test=-2906.617)
total time= 2.0s
[CV 2/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-496.630, test=-2711.191)
total time= 4.9s
[CV 5/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-510.900, test=-3124.670)
total time= 4.9s
[CV 3/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-121.963, test=-3198.709)
total time= 9.8s
[CV 1/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-6.343, test=-2820.550)
total time= 19.7s
[CV 4/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.912, test=-2966.035)
total time= 24.6s
[CV 4/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

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[CV 4/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1724.532, test=-2864.047)
total time= 1.0s
[CV 1/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1084.928, test=-2707.667)
total time= 2.0s
[CV 3/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1250.896, test=-2905.112)
total time= 2.0s
[CV 5/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1951.142, test=-2805.725)
total time= 1.2s
[CV 3/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1396.551, test=-3007.069)
total time= 3.1s
[CV 1/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-843.396, test=-2790.857)
total time= 6.0s
[CV 4/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-818.358, test=-2952.502)
total time= 6.1s
[CV 4/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-311.338, test=-2995.177)
total time= 12.2s
[CV 2/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-26.582, test=-2835.917)
total time= 30.4s
[CV 1/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.202, test=-3021.459)
total time= 19.8s

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[CV 4/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.191, test=-3285.643)
total time= 24.8s
[CV 4/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1140.047, test=-3040.903)
total time= 2.0s
[CV 2/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-370.761, test=-2643.536)
total time= 4.9s
[CV 5/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-406.498, test=-3065.501)
total time= 5.0s
[CV 3/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-52.948, test=-3104.696)
total time= 9.9s
[CV 1/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1.289, test=-2746.172)
total time= 19.9s
[CV 4/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.253, test=-3240.390)
total time= 24.9s
[CV 5/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1811.245, test=-2905.155)
total time= 1.0s
[CV 2/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1252.622, test=-2593.618)
total time= 2.0s
[CV 4/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20;; score=(train=-1215.267, test=-2891.316)
total time= 2.0s
[CV 1/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-446.958, test=-2797.092)
total time= 5.0s
[CV 4/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-442.544, test=-2988.391)
total time= 5.0s
[CV 2/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-80.466, test=-2561.751)
total time= 10.0s
[CV 5/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-86.625, test=-3230.804)
total time= 9.9s
[CV 1/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.816, test=-2822.312)
total time= 24.9s
[CV 4/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3003.586)
total time= 49.6s
[CV 2/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.474, test=-2777.240)
total time= 24.9s
[CV 5/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-3170.785)
total time= 49.3s
[CV 3/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.075, test=-3026.543)
total time= 24.6s
[CV 1/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=10
[CV 1/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1743.503, test=-2573.539)
total time= 1.0s
[CV 2/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1885.240, test=-2564.007)
total time= 1.0s
[CV 4/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-349.819, test=-3119.836)
total time= 12.1s
[CV 3/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-32.462, test=-3314.482)
total time= 30.0s
[CV 4/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-311.338, test=-3002.905)
total time= 12.0s
[CV 1/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-35.653, test=-2880.605)
total time= 30.0s
[CV 2/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-326.412, test=-2821.749)
total time= 12.0s
[CV 5/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-238.966, test=-3113.566)
total time= 15.1s
[CV 3/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1984.133, test=-2879.127)
total time= 1.2s
[CV 1/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1381.150, test=-2745.602)

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total time= 3.2s
[CV 4/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1335.910, test=-2859.762)
total time= 3.1s
[CV 2/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-875.325, test=-2739.369)
total time= 6.0s
[CV 5/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-852.070, test=-3079.751)
total time= 6.1s
[CV 1/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-235.758, test=-2859.917)
total time= 15.1s
[CV 4/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-27.668, test=-3027.099)
total time= 30.3s
[CV 3/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.191, test=-3152.947)
total time= 19.8s
[CV 2/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2840.997)
total time= 49.5s
[CV 4/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1.469, test=-3251.039)
total time= 19.7s
[CV 2/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2647.006)
total time= 49.4s
[CV 4/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

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[CV 4/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-3.960, test=-3045.922)
total time= 19.8s

[CV 2/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-2661.343)
total time= 49.4s

[CV 3/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 3/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-7.583, test=-3200.913)
total time= 19.7s

[CV 1/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-2834.287)
total time= 49.0s

[CV 2/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 2/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-4.917, test=-2876.001)
total time= 19.5s

[CV 5/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 5/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.582, test=-3112.727)
total time= 24.5s

[CV 4/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 4/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1250.961, test=-2947.635)
total time= 1.9s

[CV 3/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 3/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-441.280, test=-2980.702)
total time= 4.8s

[CV 5/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 5/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-432.753, test=-3067.871)
total time= 4.8s

[CV 3/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 3/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-98.952, test=-3011.564)
total time= 9.8s

[CV 1/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 1/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-6.220, test=-2761.597)
total time= 19.7s

[CV 4/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 4/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-1.034, test=-3108.423)
total time= 24.5s

[CV 2/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 2/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1503.217, test=-2595.020)
total time= 3.1s

[CV 5/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 5/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1478.614, test=-2918.051)
total time= 3.2s

[CV 3/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 3/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-831.486, test=-3230.854)
total time= 6.1s

[CV 1/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 1/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-368.827, test=-2848.062)
total time= 12.2s

[CV 4/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 4/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-198.631, test=-3002.439)
total time= 15.0s

[CV 2/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 2/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-1790.904, test=-2625.585)
total time= 1.0s

[CV 5/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 5/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-1709.541, test=-3027.366)
total time= 1.0s

[CV 3/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20;; score=(train=-1106.000, test=-3063.145)
total time= 2.0s
[CV 1/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-313.705, test=-2984.231)
total time= 5.0s
[CV 4/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-356.333, test=-3201.863)
total time= 4.9s
[CV 2/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-54.599, test=-2826.607)
total time= 9.8s
[CV 4/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.242, test=-3248.237)
total time= 19.7s
[CV 1/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2996.936)
total time= 49.4s
[CV 3/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1.081, test=-3070.021)
total time= 19.7s
[CV 1/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2763.751)
total time= 49.2s
[CV 3/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-3.475, test=-3172.221)
total time= 19.6s
[CV 1/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2815.925)
total time= 49.0s
[CV 2/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 2/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-6.671, test=-2796.064)
total time= 19.8s
[CV 5/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.702, test=-3183.482)
total time= 24.5s
[CV 5/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1108.057, test=-3010.128)
total time= 1.9s
[CV 3/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-486.151, test=-3121.598)
total time= 5.0s
[CV 1/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-102.155, test=-2757.958)
total time= 9.8s
[CV 4/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-88.238, test=-3097.817)
total time= 9.8s
[CV 4/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-4.197, test=-3097.282)
total time= 19.7s
[CV 2/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-2875.907)
total time= 49.1s
[CV 3/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-4.708, test=-3032.303)
total time= 19.6s
[CV 1/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-2739.436)

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total time= 49.1s
[CV 3/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-4.632, test=-3073.561)
total time= 19.8s
[CV 1/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3177.053)
total time= 49.5s
[CV 1/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.218, test=-2771.216)
total time= 24.7s
[CV 4/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3258.260)
total time= 49.4s
[CV 2/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.969, test=-2699.123)
total time= 24.7s
[CV 5/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3208.097)
total time= 49.4s
[CV 3/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.832, test=-3253.715)
total time= 25.0s
[CV 1/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1743.503, test=-2551.979)
total time= 1.0s
[CV 2/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1885.240, test=-2564.373)
total time= 1.0s

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[CV 3/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1841.668, test=-2865.158)
total time= 1.0s
[CV 5/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1740.508, test=-2857.267)
total time= 1.0s
[CV 2/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1314.235, test=-2758.824)
total time= 2.0s
[CV 4/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1250.961, test=-2944.665)
total time= 2.0s
[CV 2/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-443.107, test=-2847.109)
total time= 4.9s
[CV 5/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-432.753, test=-3054.497)
total time= 4.9s
[CV 3/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-94.275, test=-3025.751)
total time= 9.8s
[CV 1/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-6.220, test=-2783.790)
total time= 19.6s
[CV 4/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.034, test=-3089.207)
total time= 24.4s
[CV 3/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=10;; score=(train=-1841.668, test=-2861.600)
total time= 1.0s
[CV 5/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1740.508, test=-2855.410)
total time= 1.0s
[CV 2/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1314.235, test=-2746.843)
total time= 2.0s
[CV 5/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1108.057, test=-3010.202)
total time= 1.9s
[CV 2/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-443.107, test=-2834.687)
total time= 4.8s
[CV 1/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-102.155, test=-2758.840)
total time= 9.7s
[CV 4/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-88.238, test=-3106.292)
total time= 9.7s
[CV 4/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-4.197, test=-3107.078)
total time= 19.4s
[CV 2/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-2857.434)
total time= 48.7s
[CV 2/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-4.917, test=-2852.432)
total time= 19.6s
[CV 5/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250
[CV 5/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.582, test=-3123.043)
total time= 24.4s
[CV 5/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1752.312, test=-2765.430)
total time= 1.0s
[CV 1/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1257.786, test=-2658.779)
total time= 2.0s
[CV 3/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1213.026, test=-3013.978)
total time= 2.0s
[CV 5/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1211.738, test=-3075.065)
total time= 2.0s
[CV 3/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-497.125, test=-3137.235)
total time= 5.0s
[CV 1/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-79.662, test=-2798.015)
total time= 9.9s
[CV 4/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-87.759, test=-3040.197)
total time= 9.8s
[CV 2/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-3.589, test=-2649.990)
total time= 19.8s
[CV 5/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

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[CV 5/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=10, n_estimators=250;; score=(train=-0.824, test=-3251.378)
 total time= 24.7s
 [CV 5/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=20
 [CV 5/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=20;; score=(train=-1223.507, test=-3072.765)
 total time= 1.9s
 [CV 3/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=50
 [CV 3/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=50;; score=(train=-521.450, test=-3163.749)
 total time= 5.0s
 [CV 1/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=100
 [CV 1/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=100;; score=(train=-111.960, test=-2811.306)
 total time= 9.8s
 [CV 4/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=100
 [CV 4/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=100;; score=(train=-129.280, test=-2981.671)
 total time= 9.9s
 [CV 4/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200
 [CV 4/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200;; score=(train=-7.430, test=-2980.471)
 total time= 19.4s
 [CV 2/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=500
 [CV 2/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-2776.342)
 total time= 48.9s
 [CV 3/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200
 [CV 3/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200;; score=(train=-5.069, test=-2993.921)
 total time= 19.6s
 [CV 1/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=500
 [CV 1/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-2747.354)
 total time= 49.4s
 [CV 2/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=200
 [CV 2/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=200;; score=(train=-4.917, test=-2843.550)
 total time= 19.7s

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[CV 5/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.582, test=-3115.205)
total time= 24.7s
[CV 4/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1250.961, test=-2954.357)
total time= 2.0s
[CV 2/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-443.107, test=-2810.376)
total time= 4.9s
[CV 5/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-432.753, test=-3092.337)
total time= 4.9s
[CV 3/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-91.666, test=-3079.578)
total time= 9.8s
[CV 1/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-6.220, test=-2767.019)
total time= 19.8s
[CV 4/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.034, test=-3109.358)
total time= 24.4s
[CV 1/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1244.089, test=-2662.272)
total time= 1.9s
[CV 3/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1243.498, test=-2995.589)
total time= 2.0s
[CV 1/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=50;; score=(train=-481.652, test=-2770.735)
total time= 4.9s
[CV 4/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-424.460, test=-2757.533)
total time= 4.8s
[CV 4/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-418.398, test=-3082.294)
total time= 4.9s
[CV 2/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-87.479, test=-2864.332)
total time= 9.7s
[CV 5/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-92.596, test=-3122.875)
total time= 9.7s
[CV 1/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.429, test=-2741.021)
total time= 24.5s
[CV 4/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3095.410)
total time= 48.4s
[CV 2/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.192, test=-2882.817)
total time= 24.2s
[CV 5/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3090.611)
total time= 48.9s
[CV 3/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.116, test=-3007.011)

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total time= 24.4s
[CV 1/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1753.007, test=-2603.284)
total time= 1.0s
[CV 2/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1902.630, test=-2518.269)
total time= 1.0s
[CV 3/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1776.901, test=-2905.227)
total time= 1.0s
[CV 4/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1764.025, test=-2816.095)
total time= 1.0s
[CV 5/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1850.145, test=-2882.007)
total time= 1.0s
[CV 2/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1330.908, test=-2649.367)
total time= 1.9s
[CV 4/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1304.396, test=-2844.210)
total time= 2.0s
[CV 2/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-544.982, test=-2678.550)
total time= 4.9s
[CV 5/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-570.462, test=-2990.529)
total time= 4.9s
[CV 3/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

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[CV 3/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-102.942, test=-3151.530)
total time= 9.7s

[CV 1/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 1/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-12.168, test=-2806.024)
total time= 19.6s

[CV 4/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 4/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2.158, test=-2999.344)
total time= 24.4s

[CV 4/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 4/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1769.603, test=-2753.670)
total time= 1.0s

[CV 1/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 1/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1355.437, test=-2736.329)
total time= 1.9s

[CV 3/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 3/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1380.430, test=-2993.431)
total time= 1.9s

[CV 1/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 1/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-591.518, test=-2849.119)
total time= 4.8s

[CV 4/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 4/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-557.142, test=-3102.757)
total time= 4.8s

[CV 2/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 2/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-168.984, test=-2770.164)
total time= 9.8s

[CV 5/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 5/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-160.711, test=-3130.081)
total time= 9.8s

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[CV 1/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1724.532, test=-2875.048)
total time= 1.0s
[CV 1/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1084.928, test=-2675.568)
total time= 1.9s
[CV 3/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1303.305, test=-2936.302)
total time= 2.0s
[CV 1/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-424.460, test=-2754.414)
total time= 4.8s
[CV 4/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-418.398, test=-3071.388)
total time= 4.9s
[CV 2/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-87.479, test=-2893.246)
total time= 9.7s
[CV 5/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-92.596, test=-3130.328)
total time= 9.7s
[CV 1/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.429, test=-2768.929)
total time= 24.3s
[CV 4/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3085.957)
total time= 48.6s
[CV 2/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250;; score=(train=-1.192, test=-2866.548)
total time= 24.6s
[CV 5/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3123.169)
total time= 49.4s
[CV 3/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-3.497, test=-3194.469)
total time= 24.7s
[CV 1/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1953.542, test=-2505.602)
total time= 1.0s
[CV 2/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1889.274, test=-2534.772)
total time= 1.0s
[CV 3/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1784.936, test=-2978.525)
total time= 1.0s
[CV 5/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1776.595, test=-2890.439)
total time= 1.0s
[CV 2/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1350.557, test=-2644.192)
total time= 1.9s
[CV 4/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1260.800, test=-2950.792)
total time= 1.9s
[CV 2/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-598.173, test=-2753.939)
total time= 4.8s
[CV 5/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50
[CV 5/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-561.257, test=-3067.099)
total time= 4.8s
[CV 3/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-178.461, test=-3126.169)
total time= 9.9s
[CV 1/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-17.394, test=-2837.874)
total time= 19.6s
[CV 4/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-5.251, test=-3157.879)
total time= 24.5s
[CV 2/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1889.274, test=-2532.397)
total time= 0.8s
[CV 4/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1769.603, test=-2751.288)
total time= 1.0s
[CV 1/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1336.857, test=-2604.904)
total time= 2.0s
[CV 4/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1260.800, test=-2947.060)
total time= 1.9s
[CV 2/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-598.173, test=-2753.478)
total time= 4.8s
[CV 5/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-568.512, test=-3075.990)

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total time= 4.9s
[CV 2/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1886.228, test=-2512.894)
total time= 1.0s
[CV 4/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1874.881, test=-2761.380)
total time= 1.0s
[CV 1/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1332.373, test=-2710.765)
total time= 2.0s
[CV 3/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1312.019, test=-3044.605)
total time= 2.0s
[CV 1/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-507.119, test=-2798.661)
total time= 4.9s
[CV 4/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-556.393, test=-3017.604)
total time= 5.0s
[CV 2/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-121.823, test=-2762.905)
total time= 9.8s
[CV 5/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-110.779, test=-3171.960)
total time= 9.8s
[CV 1/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.664, test=-2814.559)
total time= 25.2s
[CV 4/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-2966.182)

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total time= 49.4s
[CV 2/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.192, test=-2868.157)
total time= 24.5s
[CV 5/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3134.716)
total time= 49.4s
[CV 3/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.089, test=-3078.294)
total time= 24.6s
[CV 1/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1743.503, test=-2552.787)
total time= 1.0s
[CV 3/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1841.668, test=-2864.324)
total time= 1.0s
[CV 5/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1740.508, test=-2840.250)
total time= 1.0s
[CV 2/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1314.235, test=-2751.729)
total time= 2.0s
[CV 5/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1108.057, test=-3010.138)
total time= 1.9s
[CV 3/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-486.151, test=-3106.177)
total time= 4.9s
[CV 1/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

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[CV 1/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-102.155, test=-2786.969)
total time= 9.8s

[CV 4/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 4/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-88.238, test=-3096.507)
total time= 9.8s

[CV 5/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 5/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-5.730, test=-3133.724)
total time= 19.8s

[CV 3/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 3/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3040.516)
total time= 49.2s

[CV 5/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 5/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-10.959, test=-3014.950)
total time= 19.7s

[CV 3/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 3/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.006, test=-3184.425)
total time= 49.2s

[CV 5/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 5/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-17.808, test=-3100.114)
total time= 19.6s

[CV 3/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 3/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.031, test=-3128.770)
total time= 48.9s

[CV 4/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 4/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-15.578, test=-3158.060)
total time= 19.5s

[CV 2/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 2/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.034, test=-2782.058)
total time= 49.0s

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[CV 4/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-324.494, test=-3205.916)
total time= 4.9s
[CV 2/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-57.750, test=-2647.317)
total time= 9.8s
[CV 5/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-74.609, test=-3044.885)
total time= 9.9s
[CV 5/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1.806, test=-3081.471)
total time= 19.6s
[CV 3/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3090.787)
total time= 49.4s
[CV 5/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-4.182, test=-3240.538)
total time= 19.8s
[CV 3/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3178.568)
total time= 49.4s
[CV 5/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-6.525, test=-3163.368)
total time= 20.1s
[CV 3/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-3204.349)
total time= 49.1s
[CV 5/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200;; score=(train=-5.730, test=-3097.846)
total time= 19.6s
[CV 3/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3028.272)
total time= 49.1s
[CV 5/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-5.730, test=-3141.488)
total time= 19.4s
[CV 3/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3028.618)
total time= 48.7s
[CV 4/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-4.197, test=-3091.726)
total time= 19.6s
[CV 2/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-2849.295)
total time= 49.2s
[CV 2/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-11.728, test=-2728.714)
total time= 19.7s
[CV 5/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-3.092, test=-3030.378)
total time= 24.5s
[CV 5/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1278.362, test=-3003.754)
total time= 1.9s
[CV 3/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-543.607, test=-3038.895)
total time= 4.9s
[CV 1/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100
[CV 1/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-189.701, test=-2806.166)
total time= 9.9s
[CV 4/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-136.076, test=-3152.168)
total time= 9.8s
[CV 4/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-15.578, test=-3162.824)
total time= 19.5s
[CV 2/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.034, test=-2775.847)
total time= 48.7s
[CV 3/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-15.009, test=-3167.989)
total time= 19.4s
[CV 1/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.028, test=-2905.872)
total time= 48.2s
[CV 2/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-16.188, test=-2785.895)
total time= 19.3s
[CV 5/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-7.668, test=-3154.276)
total time= 24.2s
[CV 3/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1322.644, test=-2944.019)
total time= 2.0s
[CV 1/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 2/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1885.240, test=-2553.749)
total time= 1.0s
[CV 4/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1724.532, test=-2884.024)
total time= 1.0s
[CV 1/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1084.928, test=-2697.702)
total time= 2.0s
[CV 3/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1255.397, test=-2919.321)
total time= 2.0s
[CV 1/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-424.460, test=-2776.571)
total time= 4.9s
[CV 4/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-418.398, test=-3064.173)
total time= 4.9s
[CV 2/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-87.479, test=-2865.650)
total time= 9.8s
[CV 5/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-92.596, test=-3101.004)
total time= 9.8s
[CV 1/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.429, test=-2781.113)
total time= 24.7s
[CV 4/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3090.151)
total time= 49.3s

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[CV 2/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-3.342, test=-2706.484)
total time= 24.6s
[CV 5/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.006, test=-3039.699)
total time= 48.6s
[CV 3/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-5.541, test=-3153.316)
total time= 24.5s
[CV 1/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1953.542, test=-2508.849)
total time= 1.0s
[CV 3/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1784.624, test=-2972.187)
total time= 1.0s
[CV 5/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1775.178, test=-2898.176)
total time= 1.0s
[CV 2/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1350.557, test=-2626.890)
total time= 1.9s
[CV 5/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1333.391, test=-2913.714)
total time= 1.9s
[CV 3/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-633.174, test=-3140.347)
total time= 4.9s
[CV 1/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100;; score=(train=-156.522, test=-2833.647)
total time= 9.7s
[CV 4/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-136.076, test=-3156.029)
total time= 9.7s
[CV 5/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-17.628, test=-3078.492)
total time= 19.6s
[CV 3/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.026, test=-3167.956)
total time= 48.8s
[CV 5/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-17.808, test=-3125.043)
total time= 19.7s
[CV 3/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.034, test=-3183.262)
total time= 49.2s
[CV 5/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-15.114, test=-3170.005)
total time= 19.9s
[CV 3/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.034, test=-3189.824)
total time= 49.8s
[CV 3/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-24.574, test=-3282.110)
total time= 19.5s
[CV 1/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-2777.370)
total time= 49.3s
[CV 3/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200
[CV 3/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-8.541, test=-3093.648)
total time= 19.7s
[CV 1/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.008, test=-2811.308)
total time= 49.2s
[CV 2/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-16.188, test=-2778.229)
total time= 19.3s
[CV 5/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-5.746, test=-3051.349)
total time= 24.5s
[CV 3/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1265.751, test=-3055.095)
total time= 2.0s
[CV 1/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-603.450, test=-2788.142)
total time= 4.9s
[CV 4/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-557.142, test=-3097.158)
total time= 4.9s
[CV 2/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-168.984, test=-2770.526)
total time= 9.7s
[CV 5/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-128.565, test=-3127.555)
total time= 9.6s
[CV 1/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-6.366, test=-2917.215)

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total time= 24.1s
[CV 4/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.022, test=-3156.242)
total time= 48.6s
[CV 2/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-6.091, test=-2778.257)
total time= 24.5s
[CV 5/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.023, test=-3118.173)
total time= 49.1s
[CV 3/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-6.396, test=-3141.258)
total time= 25.0s
[CV 1/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1861.324, test=-2532.442)
total time= 1.0s
[CV 2/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2017.445, test=-2528.167)
total time= 1.0s
[CV 3/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1849.459, test=-2939.335)
total time= 1.0s
[CV 5/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1841.566, test=-2788.482)
total time= 1.0s
[CV 2/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1424.319, test=-2636.481)
total time= 2.0s
[CV 4/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

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[CV 4/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1285.597, test=-3054.494)
total time= 1.9s
[CV 2/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-731.858, test=-2756.259)
total time= 5.0s
[CV 5/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-618.746, test=-3025.913)
total time= 4.9s
[CV 3/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-213.567, test=-3261.251)
total time= 9.8s
[CV 1/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-32.223, test=-2775.951)
total time= 19.5s
[CV 4/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-7.308, test=-3212.321)
total time= 24.6s
[CV 3/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1849.459, test=-2934.352)
total time= 1.0s
[CV 5/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1837.172, test=-2821.341)
total time= 1.0s
[CV 2/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1494.360, test=-2629.941)
total time= 2.0s
[CV 4/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-499.253, test=-2967.131)
total time= 4.8s
[CV 2/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

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[CV 2/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-139.916, test=-2709.158)
total time= 9.7s

[CV 5/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 5/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-146.594, test=-3017.584)
total time= 9.7s

[CV 1/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 1/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-3.678, test=-2807.241)
total time= 24.3s

[CV 4/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 4/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.005, test=-3006.571)
total time= 49.4s

[CV 2/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 2/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-6.091, test=-2782.266)
total time= 24.3s

[CV 5/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 5/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.036, test=-3104.339)
total time= 48.6s

[CV 3/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 3/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-5.541, test=-3141.388)
total time= 24.1s

[CV 1/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 1/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1851.629, test=-2503.675)
total time= 1.0s

[CV 2/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 2/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1889.274, test=-2539.620)
total time= 1.0s

[CV 3/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 3/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1784.936, test=-2978.657)
total time= 1.0s

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[CV 5/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1808.102, test=-2857.207)
total time= 1.0s
[CV 2/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1350.557, test=-2641.682)
total time= 1.9s
[CV 4/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1260.800, test=-2950.637)
total time= 1.9s
[CV 2/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-598.173, test=-2765.443)
total time= 4.8s
[CV 5/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-568.512, test=-3059.180)
total time= 4.8s
[CV 2/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-168.984, test=-2783.198)
total time= 9.6s
[CV 5/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-165.250, test=-3203.222)
total time= 9.6s
[CV 1/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-8.381, test=-2888.974)
total time= 24.3s
[CV 4/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.022, test=-3150.521)
total time= 49.1s
[CV 2/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-6.091, test=-2777.318)
total time= 25.0s
[CV 5/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.023, test=-3101.050)
total time= 49.9s
[CV 3/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-8.189, test=-3276.446)
total time= 24.5s
[CV 1/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1859.790, test=-2530.913)
total time= 1.0s
[CV 2/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2017.434, test=-2528.535)
total time= 1.0s
[CV 4/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1847.522, test=-2817.231)
total time= 1.0s
[CV 1/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1338.965, test=-2717.266)
total time= 2.0s
[CV 3/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1405.966, test=-3034.193)
total time= 1.9s
[CV 1/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-696.931, test=-2700.734)
total time= 4.9s
[CV 3/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-179.119, test=-3151.819)
total time= 9.7s
[CV 1/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 1/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-19.094, test=-2920.443)
total time= 19.4s
[CV 4/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-5.251, test=-3171.189)
total time= 24.5s
[CV 4/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1769.603, test=-2751.288)
total time= 1.0s
[CV 1/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1355.437, test=-2721.284)
total time= 1.9s
[CV 3/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1380.430, test=-3002.620)
total time= 2.0s
[CV 1/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-590.033, test=-2788.214)
total time= 4.9s
[CV 4/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-557.142, test=-3102.054)
total time= 4.9s
[CV 3/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-156.983, test=-3192.746)
total time= 9.7s
[CV 1/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-17.657, test=-2839.150)
total time= 19.6s
[CV 4/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-5.251, test=-3156.220)

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total time= 24.6s
[CV 4/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1769.603, test=-2751.210)
total time= 1.0s
[CV 1/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1475.755, test=-2629.811)
total time= 2.1s
[CV 5/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1302.851, test=-2983.879)
total time= 2.0s
[CV 3/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-619.250, test=-3198.042)
total time= 4.9s
[CV 1/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-186.795, test=-2815.508)
total time= 9.8s
[CV 4/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-136.076, test=-3158.272)
total time= 10.0s
[CV 3/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-17.081, test=-3186.823)
total time= 20.1s
[CV 1/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.033, test=-2844.373)
total time= 49.7s
[CV 2/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-24.619, test=-2780.749)
total time= 19.4s
[CV 5/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

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[CV 5/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-11.459, test=-3042.853)
total time= 24.6s

[CV 5/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 5/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1403.015, test=-2897.874)
total time= 2.0s

[CV 3/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 3/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-647.596, test=-3219.896)
total time= 4.9s

[CV 1/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 1/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-249.415, test=-2762.298)
total time= 9.7s

[CV 4/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 4/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-177.691, test=-3213.641)
total time= 9.7s

[CV 5/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 5/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-28.384, test=-3069.018)
total time= 19.5s

[CV 3/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 3/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.084, test=-3281.316)
total time= 48.7s

[CV 4/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 4/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-20.836, test=-3210.440)
total time= 19.4s

[CV 2/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 1/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-6.073, test=-2833.053)
total time= 24.3s

[CV 4/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 4/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.022, test=-3158.887)
total time= 48.7s

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[CV 2/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-5.529, test=-2669.992)
total time= 24.2s
[CV 5/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.029, test=-3127.746)
total time= 48.7s
[CV 3/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-5.501, test=-3185.684)
total time= 24.4s
[CV 1/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1953.563, test=-2509.915)
total time= 1.0s
[CV 2/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1889.274, test=-2542.069)
total time= 1.0s
[CV 3/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1784.936, test=-2968.765)
total time= 1.0s
[CV 5/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1767.727, test=-2868.729)
total time= 1.0s
[CV 2/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1350.557, test=-2647.428)
total time= 1.8s
[CV 4/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1260.800, test=-2953.624)
total time= 1.9s
[CV 2/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50;; score=(train=-557.709, test=-2676.238)
total time= 4.9s
[CV 5/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-563.752, test=-3113.923)
total time= 4.9s
[CV 3/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-156.983, test=-3192.100)
total time= 9.9s
[CV 1/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-17.394, test=-2820.553)
total time= 20.0s
[CV 4/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-5.251, test=-3150.330)
total time= 25.1s
[CV 4/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1847.522, test=-2821.724)
total time= 1.0s
[CV 1/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1356.333, test=-2661.567)
total time= 2.0s
[CV 3/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1405.966, test=-3032.020)
total time= 2.0s
[CV 1/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-690.207, test=-2736.246)
total time= 5.0s
[CV 4/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-555.144, test=-3142.604)
total time= 4.9s
[CV 2/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100
[CV 2/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-218.443, test=-2768.451)
total time= 9.9s
[CV 5/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-214.979, test=-3027.205)
total time= 9.8s
[CV 1/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-12.855, test=-2772.148)
total time= 24.6s
[CV 4/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.070, test=-3211.183)
total time= 49.0s
[CV 2/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-9.127, test=-2780.771)
total time= 24.1s
[CV 5/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.178, test=-3034.871)
total time= 48.7s
[CV 3/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-8.189, test=-3277.686)
total time= 24.2s
[CV 1/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1860.343, test=-2543.301)
total time= 1.0s
[CV 1/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-588.545, test=-2782.821)
total time= 4.8s
[CV 4/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-557.142, test=-3101.975)
total time= 4.8s
[CV 2/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100
[CV 2/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-155.458, test=-2678.722)
total time= 9.8s
[CV 5/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-169.315, test=-3134.245)
total time= 10.0s
[CV 1/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-8.608, test=-2821.907)
total time= 25.0s
[CV 4/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.022, test=-3166.432)
total time= 49.4s
[CV 2/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-9.127, test=-2778.088)
total time= 24.2s
[CV 5/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.185, test=-3118.455)
total time= 49.0s
[CV 3/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-8.189, test=-3277.527)
total time= 24.2s
[CV 1/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1860.075, test=-2534.122)
total time= 1.0s
[CV 2/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2017.445, test=-2524.362)
total time= 1.0s
[CV 3/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1849.459, test=-2935.584)

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total time= 1.0s
[CV 5/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1837.102, test=-2816.626)
total time= 1.0s
[CV 2/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1424.319, test=-2634.654)
total time= 1.9s
[CV 4/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1285.597, test=-3052.640)
total time= 1.9s
[CV 2/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-748.260, test=-2765.950)
total time= 4.8s
[CV 5/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-630.318, test=-3008.528)
total time= 4.8s
[CV 3/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-213.567, test=-3260.869)
total time= 9.8s
[CV 1/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-33.303, test=-2744.100)
total time= 19.5s
[CV 4/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-7.308, test=-3221.591)
total time= 24.2s
[CV 3/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1849.459, test=-2939.731)
total time= 1.0s
[CV 5/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

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[CV 5/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1837.172, test=-2814.918)
total time= 1.0s
[CV 2/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1494.360, test=-2617.285)
total time= 1.9s
[CV 4/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1285.597, test=-3054.680)
total time= 1.9s
[CV 2/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-748.260, test=-2773.153)
total time= 4.8s
[CV 5/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-659.338, test=-3025.285)
total time= 4.9s
[CV 3/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-213.567, test=-3260.528)
total time= 9.7s
[CV 1/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-32.200, test=-2794.957)
total time= 19.4s
[CV 4/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-7.308, test=-3204.755)
total time= 24.4s
[CV 5/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1296.038, test=-2946.367)
total time= 2.0s
[CV 3/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-480.455, test=-3082.542)
total time= 4.9s
[CV 1/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

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[CV 1/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-131.407, test=-2801.551)
total time= 9.8s

[CV 4/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 4/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-118.961, test=-3007.958)
total time= 9.8s

[CV 4/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 4/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-7.683, test=-2998.882)
total time= 19.6s

[CV 2/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 2/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.009, test=-2706.834)
total time= 49.0s

[CV 3/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 3/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-15.009, test=-3154.700)
total time= 19.4s

[CV 1/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.037, test=-2795.397)
total time= 48.8s

[CV 2/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 2/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-16.917, test=-2671.591)
total time= 19.6s

[CV 5/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 5/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-7.668, test=-3138.868)
total time= 24.5s

[CV 5/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 5/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1312.136, test=-2943.033)
total time= 2.0s

[CV 3/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 3/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-607.260, test=-3175.923)
total time= 4.9s

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[CV 1/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-191.259, test=-2823.337)
total time= 9.8s
[CV 4/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-136.076, test=-3161.991)
total time= 9.7s
[CV 4/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-15.578, test=-3156.473)
total time= 19.3s
[CV 2/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.034, test=-2770.103)
total time= 49.5s
[CV 4/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-15.578, test=-3162.921)
total time= 20.0s
[CV 2/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.034, test=-2786.053)
total time= 49.9s
[CV 4/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-20.836, test=-3206.084)
total time= 19.7s
[CV 2/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.096, test=-2784.107)
total time= 49.3s
[CV 3/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-24.574, test=-3276.543)
total time= 19.6s
[CV 1/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500;; score=(train=-0.328, test=-2735.131)
total time= 49.2s
[CV 3/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-24.574, test=-3277.028)
total time= 19.5s
[CV 1/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.328, test=-2749.267)
total time= 49.2s
[CV 3/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-24.574, test=-3272.880)
total time= 19.5s
[CV 1/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.286, test=-2885.349)
total time= 49.1s
[CV 4/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.115, test=-2944.370)
total time= 15.3s
[CV 2/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2837.572)
total time= 37.7s
[CV 5/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3099.570)
total time= 1.3min
[CV 3/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-15.009, test=-3175.969)
total time= 19.6s
[CV 1/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.043, test=-2848.350)
total time= 49.3s
[CV 2/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200
[CV 2/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-16.188, test=-2779.411)
total time= 19.9s
[CV 5/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-4.527, test=-3095.234)
total time= 24.9s
[CV 5/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1401.487, test=-2885.641)
total time= 2.0s
[CV 3/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-647.596, test=-3221.321)
total time= 5.0s
[CV 1/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-222.484, test=-2712.123)
total time= 10.0s
[CV 4/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-177.691, test=-3211.156)
total time= 9.8s
[CV 5/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-32.702, test=-3113.497)
total time= 19.7s
[CV 3/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.084, test=-3279.400)
total time= 49.2s
[CV 4/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-20.836, test=-3208.965)
total time= 19.2s
[CV 2/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.109, test=-2782.552)

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total time= 48.8s
[CV 2/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-27.337, test=-2797.363)
total time= 19.5s
[CV 5/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-12.765, test=-3109.465)
total time= 24.3s
[CV 5/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1401.487, test=-2893.908)
total time= 2.0s
[CV 3/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-647.596, test=-3222.693)
total time= 4.9s
[CV 1/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-242.947, test=-2641.838)
total time= 9.8s
[CV 4/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-177.691, test=-3212.403)
total time= 9.7s
[CV 5/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-35.741, test=-3037.485)
total time= 19.5s
[CV 3/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.084, test=-3275.063)
total time= 48.6s
[CV 1/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-2910.362)
total time= 30.6s
[CV 4/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

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[CV 4/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2918.575)
total time= 38.0s
[CV 4/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-332.344, test=-2850.921)
total time= 3.0s
[CV 2/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-16.246, test=-2746.299)
total time= 7.5s
[CV 5/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-14.506, test=-3073.263)
total time= 7.6s
[CV 3/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.150, test=-3132.326)
total time= 15.2s
[CV 1/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-2879.498)
total time= 30.3s
[CV 4/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2905.904)
total time= 38.0s
[CV 4/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.312, test=-2806.255)
total time= 49.5s
[CV 2/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-27.337, test=-2805.752)
total time= 19.4s
[CV 5/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-12.765, test=-3102.148)
total time= 24.3s

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[CV 5/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1370.221, test=-2846.563)
total time= 1.9s
[CV 3/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-647.596, test=-3218.953)
total time= 4.8s
[CV 1/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-232.271, test=-2745.328)
total time= 9.8s
[CV 4/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-177.691, test=-3213.385)
total time= 9.7s
[CV 5/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-32.702, test=-3115.578)
total time= 19.5s
[CV 3/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.084, test=-3280.310)
total time= 48.6s
[CV 4/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-20.836, test=-3204.401)
total time= 19.4s
[CV 2/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.096, test=-2764.176)
total time= 49.3s
[CV 5/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.091, test=-3030.103)
total time= 15.2s
[CV 3/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3173.280)
total time= 38.2s
[CV 1/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-996.611, test=-2889.414)
total time= 1.5s
[CV 2/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-960.074, test=-2673.935)
total time= 1.5s
[CV 3/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-996.376, test=-2982.191)
total time= 1.5s
[CV 4/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-897.583, test=-2767.376)
total time= 1.5s
[CV 5/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-917.570, test=-3041.537)
total time= 1.5s
[CV 1/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-248.380, test=-2896.347)
total time= 3.0s
[CV 2/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-326.107, test=-2744.773)
total time= 3.0s
[CV 3/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-354.795, test=-3072.461)
total time= 3.1s
[CV 5/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-335.914, test=-3030.687)
total time= 3.1s
[CV 3/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50
[CV 3/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-21.863, test=-3068.135)
total time= 7.7s
[CV 1/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.092, test=-2901.616)
total time= 15.2s
[CV 4/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.059, test=-2927.460)
total time= 15.2s
[CV 2/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-2764.788)
total time= 30.6s
[CV 5/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3119.629)
total time= 38.0s
[CV 2/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-45.933, test=-2620.440)
total time= 7.4s
[CV 5/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-44.414, test=-3177.897)
total time= 7.3s
[CV 4/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1285.597, test=-3048.686)
total time= 1.9s
[CV 2/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-731.858, test=-2757.241)
total time= 4.9s
[CV 5/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-659.338, test=-3031.070)

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total time= 4.9s
[CV 3/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-213.567, test=-3257.171)
total time= 9.7s
[CV 1/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-36.086, test=-2703.194)
total time= 19.4s
[CV 4/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-7.308, test=-3207.243)
total time= 24.1s
[CV 4/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1847.522, test=-2821.724)
total time= 1.0s
[CV 1/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1429.021, test=-2601.877)
total time= 1.9s
[CV 3/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1405.966, test=-3031.507)
total time= 1.9s
[CV 1/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-708.249, test=-2755.894)
total time= 4.8s
[CV 4/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-555.144, test=-3143.708)
total time= 4.8s
[CV 2/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-218.443, test=-2769.429)
total time= 9.6s
[CV 5/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 5/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-216.900, test=-3094.388)
total time= 9.7s

[CV 1/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-19.263, test=-2729.160)
total time= 24.3s

[CV 4/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.070, test=-3199.092)
total time= 48.2s

[CV 2/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-9.127, test=-2781.193)
total time= 24.1s

[CV 5/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 5/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.203, test=-3134.079)
total time= 48.7s

[CV 1/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 1/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2916.786)
total time= 38.2s

[CV 4/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 4/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2938.851)
total time= 1.3min

[CV 2/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 2/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2761.172)
total time= 37.6s

[CV 5/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 5/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3060.418)
total time= 1.3min

[CV 3/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 3/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3143.581)
total time= 37.5s

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[CV 1/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1240.974, test=-2693.131)
total time= 1.5s
[CV 3/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1194.208, test=-2960.131)
total time= 1.5s
[CV 5/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1083.864, test=-3076.779)
total time= 1.5s
[CV 2/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-590.441, test=-2788.943)
total time= 3.0s
[CV 4/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-610.397, test=-2856.514)
total time= 3.0s
[CV 2/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-69.304, test=-2786.052)
total time= 7.5s
[CV 5/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-555.144, test=-3147.868)
total time= 4.9s
[CV 2/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-218.443, test=-2773.273)
total time= 9.7s
[CV 5/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-216.900, test=-3089.999)
total time= 9.8s
[CV 1/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 1/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-13.663, test=-2798.062)
total time= 24.4s
[CV 4/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.070, test=-3199.842)
total time= 48.6s
[CV 2/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-9.478, test=-2809.409)
total time= 24.3s
[CV 5/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.185, test=-3100.180)
total time= 48.8s
[CV 3/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-8.189, test=-3276.335)
total time= 24.3s
[CV 1/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-797.911, test=-2883.827)
total time= 1.5s
[CV 3/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-880.255, test=-3045.609)
total time= 1.5s
[CV 5/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-951.826, test=-3014.571)
total time= 1.5s
[CV 2/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-323.763, test=-2810.015)
total time= 3.0s
[CV 5/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-319.521, test=-3060.600)

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total time= 3.0s
[CV 3/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-17.538, test=-3119.236)
total time= 7.7s
[CV 1/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.076, test=-2895.095)
total time= 15.2s
[CV 2/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-2831.885)
total time= 30.1s
[CV 5/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3091.407)
total time= 38.0s
[CV 1/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-12.991, test=-2897.296)
total time= 7.6s
[CV 4/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-11.281, test=-2872.990)
total time= 7.5s
[CV 2/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.101, test=-2750.381)
total time= 15.0s
[CV 5/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.122, test=-3118.443)
total time= 15.0s
[CV 5/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3078.211)
total time= 30.9s
[CV 3/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

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[CV 3/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3124.721)
total time= 1.3min
[CV 5/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3112.999)
total time= 29.9s
[CV 3/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3221.112)
total time= 1.3min
[CV 5/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3174.450)
total time= 29.7s
[CV 3/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3074.720)
total time= 1.3min
[CV 5/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3035.120)
total time= 29.4s
[CV 3/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-911.169, test=-2740.712)
total time= 1.5s
[CV 4/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1027.629, test=-2848.865)
total time= 1.5s
[CV 1/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-271.612, test=-2857.147)
total time= 3.0s
[CV 4/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20;; score=(train=-364.481, test=-2953.797)
total time= 3.0s
[CV 2/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-18.578, test=-2802.018)
total time= 7.7s
[CV 5/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-10.948, test=-3046.224)
total time= 7.6s
[CV 3/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.126, test=-3052.598)
total time= 15.3s
[CV 5/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3010.765)
total time= 30.5s
[CV 3/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3119.966)
total time= 1.3min
[CV 1/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2870.582)
total time= 38.1s
[CV 4/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2918.035)
total time= 1.3min
[CV 2/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-2607.414)
total time= 37.4s
[CV 5/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3203.610)
total time= 1.3min
[CV 3/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250
[CV 3/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3137.140)
total time= 37.6s
[CV 1/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1129.759, test=-2673.619)
total time= 1.5s
[CV 2/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1147.674, test=-2812.140)
total time= 1.5s
[CV 4/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-958.383, test=-2911.980)
total time= 1.4s
[CV 5/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1146.799, test=-2970.135)
total time= 1.5s
[CV 2/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-506.035, test=-2895.814)
total time= 2.9s
[CV 4/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-436.768, test=-2930.286)
total time= 2.9s
[CV 2/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-57.661, test=-2956.105)
total time= 7.5s
[CV 5/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-50.622, test=-3092.563)
total time= 7.4s
[CV 3/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1.731, test=-3127.054)

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total time= 14.8s
[CV 1/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-2821.932)
total time= 29.5s
[CV 4/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3001.319)
total time= 37.1s
[CV 3/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-945.520, test=-3016.490)
total time= 1.5s
[CV 5/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1098.326, test=-2950.178)
total time= 1.5s
[CV 2/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-451.564, test=-2842.501)
total time= 2.9s
[CV 4/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-408.140, test=-2962.046)
total time= 2.9s
[CV 3/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3120.244)
total time= 38.3s
[CV 1/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1251.123, test=-2807.554)
total time= 1.5s
[CV 2/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1121.634, test=-2590.457)
total time= 1.5s
[CV 3/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

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[CV 3/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1064.928, test=-3129.503)
total time= 1.5s
[CV 5/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1018.244, test=-3068.321)
total time= 1.5s
[CV 2/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-470.163, test=-2592.005)
total time= 3.0s
[CV 4/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-405.507, test=-3076.908)
total time= 3.0s
[CV 1/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-30.227, test=-2970.932)
total time= 7.5s
[CV 4/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-42.994, test=-3101.105)
total time= 7.6s
[CV 2/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.794, test=-2624.079)
total time= 15.0s
[CV 5/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.696, test=-3186.200)
total time= 15.0s
[CV 1/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-2959.357)
total time= 38.0s
[CV 4/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3117.377)
total time= 1.3min

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[CV 2/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250

[CV 2/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-2811.033) total time= 37.7s

[CV 5/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500

[CV 5/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3262.278) total time= 1.3min

[CV 3/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250

[CV 3/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3066.611) total time= 37.0s

[CV 1/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10

[CV 1/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1157.307, test=-2708.853) total time= 1.5s

[CV 2/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10

[CV 2/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1170.628, test=-2708.786) total time= 1.5s

[CV 4/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10

[CV 4/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-958.383, test=-2928.159) total time= 1.5s

[CV 1/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20

[CV 1/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-469.089, test=-2813.689) total time= 2.9s

[CV 3/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20

[CV 3/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-448.489, test=-3078.750) total time= 2.9s

[CV 1/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50

[CV 1/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-46.513, test=-2836.318) total time= 7.3s

[CV 4/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50

[CV 4/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-47.898, test=-3007.446)
total time= 7.4s
[CV 2/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1.269, test=-2899.357)
total time= 14.4s
[CV 5/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1.691, test=-3047.377)
total time= 14.7s
[CV 1/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2796.267)
total time= 36.8s
[CV 4/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2999.394)
total time= 1.3min
[CV 2/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-2799.707)
total time= 37.2s
[CV 5/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2017.434, test=-2528.535)
total time= 1.0s
[CV 4/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1847.522, test=-2821.724)
total time= 1.0s
[CV 1/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1429.722, test=-2672.179)
total time= 1.9s
[CV 3/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1405.966, test=-3032.394)

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total time= 1.9s
[CV 1/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-644.437, test=-2726.955)
total time= 4.8s
[CV 4/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-555.144, test=-3153.865)
total time= 4.8s
[CV 2/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-218.443, test=-2765.830)
total time= 9.7s
[CV 5/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-216.900, test=-3095.619)
total time= 9.7s
[CV 1/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-13.254, test=-2844.821)
total time= 24.3s
[CV 4/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.070, test=-3222.806)
total time= 48.6s
[CV 4/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-2986.741)
total time= 30.4s
[CV 2/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2840.195)
total time= 1.3min
[CV 4/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-2914.670)
total time= 29.2s
[CV 2/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

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[CV 2/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2794.056)
total time= 1.3min

[CV 4/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 4/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3134.553)
total time= 30.0s

[CV 2/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2648.846)
total time= 1.3min

[CV 4/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 4/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.004, test=-2920.774)
total time= 29.8s

[CV 2/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 2/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2809.930)
total time= 1.2min

[CV 3/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 3/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.002, test=-3082.667)
total time= 29.5s

[CV 1/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 1/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2844.887)
total time= 1.2min

[CV 2/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 2/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.004, test=-2772.344)
total time= 29.8s

[CV 5/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 5/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3116.709)
total time= 37.4s

[CV 4/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 4/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-436.768, test=-2919.537)
total time= 2.9s

[CV 2/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 2/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-53.339, test=-2825.136) total time= 7.4s
[CV 5/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 5/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-53.868, test=-3188.250) total time= 7.4s
[CV 3/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 3/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-2.149, test=-3099.053) total time= 15.0s
[CV 1/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 1/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-2827.439) total time= 29.7s
[CV 4/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 4/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-2985.748) total time= 37.3s
[CV 5/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 2/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-0.109, test=-2791.489) total time= 48.6s
[CV 2/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 2/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-27.337, test=-2787.323) total time= 19.4s
[CV 5/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 5/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-12.185, test=-3078.380) total time= 24.4s
[CV 3/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-333.976, test=-3091.631) total time= 3.0s
[CV 1/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 1/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50;; score=(train=-11.304, test=-2912.572)
total time= 7.6s
[CV 4/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-16.566, test=-2976.418)
total time= 7.7s
[CV 2/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.090, test=-2765.125)
total time= 15.2s
[CV 3/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3198.891)
total time= 30.5s
[CV 1/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2898.818)
total time= 1.3min
[CV 3/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3089.019)
total time= 29.1s
[CV 1/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2928.970)
total time= 1.3min
[CV 3/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3203.325)
total time= 30.1s
[CV 1/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2969.199)
total time= 1.3min
[CV 2/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.004, test=-2810.259)
total time= 29.9s
[CV 5/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250
[CV 5/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3184.674)
total time= 37.5s
[CV 1/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-55.355, test=-2860.858)
total time= 7.5s
[CV 4/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-47.898, test=-2995.954)
total time= 7.4s
[CV 2/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2.417, test=-2925.848)
total time= 14.9s
[CV 5/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1.439, test=-3185.804)
total time= 14.8s
[CV 1/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2814.590)
total time= 37.2s
[CV 4/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2977.981)
total time= 1.2min
[CV 2/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2787.162)
total time= 36.8s
[CV 5/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3081.760)
total time= 1.2min
[CV 3/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3079.422)

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total time= 37.2s
[CV 1/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1282.165, test=-2657.711)
total time= 1.5s
[CV 2/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1317.540, test=-2540.228)
total time= 1.5s
[CV 3/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1321.842, test=-2956.380)
total time= 1.5s
[CV 4/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1221.040, test=-2815.413)
total time= 1.5s
[CV 1/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-663.263, test=-2756.733)
total time= 2.9s
[CV 4/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1039.206, test=-2898.581)
total time= 1.5s
[CV 1/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-548.387, test=-2939.774)
total time= 3.0s
[CV 3/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-440.662, test=-3194.280)
total time= 3.0s
[CV 5/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-454.027, test=-3196.079)
total time= 3.0s
[CV 3/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-32.635, test=-3195.492)

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total time= 7.4s
[CV 1/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.745, test=-2969.994)
total time= 15.1s
[CV 4/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.734, test=-3081.741)
total time= 15.1s
[CV 2/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-2617.331)
total time= 30.1s
[CV 5/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3159.363)
total time= 37.6s
[CV 5/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-504.111, test=-3156.516)
total time= 3.0s
[CV 3/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-74.870, test=-3054.669)
total time= 7.5s
[CV 1/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-3.065, test=-2781.642)
total time= 15.0s
[CV 4/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2.523, test=-2904.992)
total time= 15.0s
[CV 3/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.003, test=-3057.464)
total time= 29.8s
[CV 1/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

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[CV 1/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2859.069)
total time= 1.2min

[CV 2/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 2/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.004, test=-2866.473)
total time= 29.7s

[CV 5/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 5/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3206.399)
total time= 36.8s

[CV 5/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 5/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-399.701, test=-3023.676)
total time= 2.9s

[CV 3/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 3/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-51.519, test=-3082.384)
total time= 7.3s

[CV 1/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 1/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.912, test=-2876.494)
total time= 14.6s

[CV 4/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 4/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2.082, test=-2976.091)
total time= 14.7s

[CV 4/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 4/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-2979.130)
total time= 29.2s

[CV 1/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 1/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2824.082)
total time= 1.2min

[CV 2/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 2/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.003, test=-2871.993)
total time= 29.5s

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[CV 5/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3218.632)
total time= 37.3s
[CV 5/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-516.107, test=-3083.280)
total time= 2.9s
[CV 3/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-107.251, test=-3143.354)
total time= 7.4s
[CV 1/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-3.491, test=-2799.195)
total time= 14.8s
[CV 4/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-4.700, test=-3127.236)
total time= 14.8s
[CV 3/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.527, test=-3218.556)
total time= 15.0s
[CV 1/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-2943.786)
total time= 30.1s
[CV 4/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3172.805)
total time= 37.6s
[CV 2/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1135.166, test=-2773.824)
total time= 1.5s
[CV 4/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=10;; score=(train=-1300.122, test=-2859.183)
total time= 1.5s
[CV 1/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-703.972, test=-2782.014)
total time= 3.0s
[CV 3/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-587.789, test=-3073.721)
total time= 3.2s
[CV 1/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-86.216, test=-2772.503)
total time= 7.4s
[CV 4/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-74.784, test=-2915.593)
total time= 7.4s
[CV 2/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2.311, test=-2791.284)
total time= 14.9s
[CV 5/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2.643, test=-3167.758)
total time= 15.4s
[CV 1/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-2787.584)
total time= 37.3s
[CV 4/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2908.959)
total time= 1.3min
[CV 2/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.001, test=-2938.692)
total time= 37.2s
[CV 5/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500
[CV 5/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3167.571)
total time= 1.2min
[CV 3/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3111.871)
total time= 36.7s
[CV 1/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1129.754, test=-2695.808)
total time= 1.4s
[CV 2/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1191.457, test=-2727.876)
total time= 1.5s
[CV 3/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1020.579, test=-3039.349)
total time= 1.5s
[CV 5/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1016.799, test=-3043.909)
total time= 1.4s
[CV 2/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-459.734, test=-2757.897)
total time= 2.9s
[CV 5/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-411.153, test=-3059.163)
total time= 2.9s
[CV 3/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-61.643, test=-3070.929)
total time= 7.4s
[CV 1/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.664, test=-2810.588)

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total time= 14.7s
[CV 4/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.465, test=-3018.473)
total time= 14.7s
[CV 4/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-2999.667)
total time= 29.3s
[CV 2/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2933.907)
total time= 1.3min
[CV 3/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.010, test=-3096.614)
total time= 29.7s
[CV 1/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-54.594, test=-2833.166)
total time= 7.4s
[CV 5/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-69.884, test=-3116.429)
total time= 7.4s
[CV 3/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2.534, test=-3063.591)
total time= 14.8s
[CV 1/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.003, test=-2821.202)
total time= 29.6s
[CV 4/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2999.296)
total time= 36.8s

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[CV 4/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-958.383, test=-2923.267)
total time= 1.4s
[CV 1/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-520.298, test=-2764.498)
total time= 2.9s
[CV 3/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-509.334, test=-3104.074)
total time= 2.9s
[CV 1/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-51.455, test=-2774.630)
total time= 7.3s
[CV 4/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-66.100, test=-2977.457)
total time= 7.5s
[CV 2/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2.363, test=-2884.479)
total time= 14.8s
[CV 5/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2.327, test=-3093.597)
total time= 14.9s
[CV 1/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-2777.187)
total time= 37.2s
[CV 4/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2991.320)
total time= 1.2min
[CV 2/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250;; score=(train=-0.002, test=-2699.602)
total time= 37.2s
[CV 5/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3036.404)
total time= 1.2min
[CV 3/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.083, test=-3247.701)
total time= 37.6s
[CV 1/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1224.192, test=-2790.472)
total time= 1.5s
[CV 2/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1514.980, test=-2570.395)
total time= 1.5s
[CV 3/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1233.755, test=-2999.604)
total time= 1.5s
[CV 5/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1152.599, test=-3026.102)
total time= 1.4s
[CV 2/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-770.256, test=-2744.217)
total time= 3.0s
[CV 4/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-636.072, test=-3039.208)
total time= 2.9s
[CV 2/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-154.253, test=-2811.508)
total time= 7.4s
[CV 5/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 5/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-139.119, test=-3113.085)
total time= 7.3s
[CV 3/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-12.154, test=-3142.964)
total time= 14.8s
[CV 1/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.541, test=-2892.510)
total time= 29.5s
[CV 4/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.109, test=-3095.062)
total time= 36.9s
[CV 3/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-66.555, test=-3141.213)
total time= 7.6s
[CV 3/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1.977, test=-3062.126)
total time= 15.0s
[CV 1/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.005, test=-2772.201)
total time= 30.2s
[CV 4/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-2931.188)
total time= 37.6s
[CV 3/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1022.483, test=-3045.807)
total time= 1.5s
[CV 1/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-472.840, test=-2810.856)

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total time= 2.9s
[CV 3/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-509.334, test=-3057.108)
total time= 3.0s
[CV 5/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-441.866, test=-3084.861)
total time= 3.0s
[CV 3/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-54.459, test=-3083.319)
total time= 7.5s
[CV 1/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2.120, test=-2816.551)
total time= 14.8s
[CV 4/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1.465, test=-2984.466)
total time= 14.8s
[CV 4/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.003, test=-3003.037)
total time= 29.8s
[CV 2/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2841.308)
total time= 1.2min
[CV 3/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.002, test=-3060.361)
total time= 29.7s
[CV 2/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2865.055)
total time= 1.2min
[CV 3/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

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[CV 3/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.002, test=-3086.558)
total time= 29.5s

[CV 1/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 1/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2783.713)
total time= 1.2min

[CV 2/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 2/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.027, test=-2735.973)
total time= 29.7s

[CV 5/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 5/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.001, test=-3163.114)
total time= 37.8s

[CV 3/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 3/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-626.462, test=-3160.816)
total time= 2.9s

[CV 1/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 1/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-137.573, test=-2924.784)
total time= 7.5s

[CV 4/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 4/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-119.155, test=-3091.185)
total time= 7.4s

[CV 2/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 2/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-14.358, test=-2818.770)
total time= 15.0s

[CV 5/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 5/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-17.690, test=-3066.092)
total time= 15.1s

[CV 1/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 1/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.140, test=-2887.265)
total time= 37.5s

[CV 4/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 4/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3128.478)
total time= 1.3min

[CV 2/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 2/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-0.031, test=-2816.771)
total time= 37.1s

[CV 5/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 5/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3197.006)
total time= 1.2min

[CV 3/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 3/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-0.235, test=-3178.393)
total time= 37.8s

[CV 3/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 3/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-607.344, test=-3003.721)
total time= 2.9s

[CV 1/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 1/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-79.191, test=-2783.677)
total time= 7.3s

[CV 4/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 4/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-99.439, test=-3039.623)
total time= 7.4s

[CV 2/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 2/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-6.763, test=-2732.591)
total time= 14.9s

[CV 5/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 5/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-4.432, test=-3143.226)
total time= 14.8s

[CV 1/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 1/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250;; score=(train=-0.002, test=-2784.033)
total time= 37.4s
[CV 4/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3036.230)
total time= 1.2min
[CV 2/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.031, test=-2807.241)
total time= 37.3s
[CV 5/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3097.372)
total time= 1.3min
[CV 3/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.080, test=-3217.716)
total time= 37.3s
[CV 1/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1224.189, test=-2780.255)
total time= 1.4s
[CV 2/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1514.980, test=-2581.373)
total time= 1.5s
[CV 4/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1278.506, test=-2968.412)
total time= 1.5s
[CV 1/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-663.169, test=-2836.627)
total time= 2.9s
[CV 3/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-707.475, test=-3110.817)
total time= 2.9s
[CV 3/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 3/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-143.362, test=-3158.347)
total time= 7.4s
[CV 5/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-147.191, test=-3088.713)
total time= 7.4s
[CV 3/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-13.889, test=-3241.044)
total time= 14.9s
[CV 1/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.541, test=-2880.946)
total time= 29.7s
[CV 4/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.109, test=-3114.567)
total time= 37.3s
[CV 1/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1224.179, test=-2783.461)
total time= 1.4s
[CV 3/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1299.708, test=-3085.584)
total time= 1.5s
[CV 5/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1229.345, test=-2973.187)
total time= 1.5s
[CV 2/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-770.256, test=-2763.820)
total time= 2.9s
[CV 5/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-632.122, test=-3085.223)

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total time= 2.9s
[CV 3/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-143.362, test=-3154.804)
total time= 7.3s
[CV 1/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-16.209, test=-2882.541)
total time= 14.7s
[CV 4/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-12.349, test=-3097.618)
total time= 14.8s
[CV 5/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3061.443)
total time= 1.2min
[CV 3/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.001, test=-3021.410)
total time= 37.1s
[CV 1/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1224.179, test=-2785.284)
total time= 1.4s
[CV 2/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1514.980, test=-2585.280)
total time= 1.5s
[CV 4/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1227.979, test=-2957.554)
total time= 1.5s
[CV 1/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-663.165, test=-2840.006)
total time= 2.9s
[CV 4/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 4/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-636.072, test=-3042.675)
total time= 2.9s

[CV 2/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 2/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-154.253, test=-2804.817)
total time= 7.4s

[CV 5/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 5/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-125.628, test=-3155.016)
total time= 7.2s

[CV 3/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 3/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-17.362, test=-3182.718)
total time= 14.8s

[CV 1/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 1/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.493, test=-2886.557)
total time= 30.6s

[CV 4/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 4/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.109, test=-3117.210)
total time= 37.3s

[CV 4/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 4/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1227.979, test=-2936.903)
total time= 1.5s

[CV 1/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 1/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-663.170, test=-2832.519)
total time= 2.9s

[CV 3/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 3/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-725.324, test=-3125.450)
total time= 2.9s

[CV 1/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 1/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-131.692, test=-2890.727)
total time= 7.2s

[CV 4/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 4/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-119.155, test=-3113.174) total time= 7.3s

[CV 2/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 2/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-14.358, test=-2802.857) total time= 14.7s

[CV 5/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 5/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-14.765, test=-3228.104) total time= 14.7s

[CV 1/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 1/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-0.113, test=-2892.962) total time= 37.1s

[CV 4/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 4/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3110.052) total time= 1.3min

[CV 2/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 2/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-0.031, test=-2831.651) total time= 36.8s

[CV 5/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 5/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3120.975) total time= 1.2min

[CV 3/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 3/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.083, test=-3233.539) total time= 37.2s

[CV 1/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 1/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1382.364, test=-2686.783) total time= 1.4s

[CV 2/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 2/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10;; score=(train=-1470.554, test=-2671.497)
total time= 1.4s
[CV 3/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1272.258, test=-2955.102)
total time= 1.4s
[CV 5/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1269.089, test=-2898.303)
total time= 1.4s
[CV 2/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-847.685, test=-2746.685)
total time= 2.8s
[CV 3/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3080.971)
total time= 1.2min
[CV 5/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.080, test=-3054.648)
total time= 30.4s
[CV 3/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3077.415)
total time= 1.2min
[CV 5/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.002, test=-3104.328)
total time= 29.6s
[CV 3/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3090.098)
total time= 1.2min
[CV 4/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.017, test=-3102.545)
total time= 29.9s
[CV 2/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2713.941)
total time= 1.2min
[CV 2/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.165, test=-2809.181)
total time= 30.0s
[CV 5/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.014, test=-3176.295)
total time= 37.4s
[CV 5/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-697.530, test=-3038.255)
total time= 3.0s
[CV 3/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-167.942, test=-3177.825)
total time= 7.5s
[CV 1/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-16.209, test=-2884.493)
total time= 14.9s
[CV 4/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-12.349, test=-3108.796)
total time= 14.8s
[CV 4/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.308, test=-3120.337)
total time= 29.8s
[CV 2/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2817.156)
total time= 1.3min
[CV 4/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.246, test=-3141.519)
total time= 29.8s
[CV 2/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500
[CV 2/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2805.512)
total time= 1.2min
[CV 3/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.176, test=-3151.421)
total time= 29.3s
[CV 1/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-2895.369)
total time= 1.3min
[CV 2/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.954, test=-2768.968)
total time= 29.4s
[CV 5/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.293, test=-3073.805)
total time= 37.2s
[CV 2/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-213.692, test=-2787.121)
total time= 7.2s
[CV 5/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-232.655, test=-3079.464)
total time= 7.2s
[CV 3/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-26.584, test=-3146.152)
total time= 14.7s
[CV 1/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-5.015, test=-2801.465)
total time= 29.4s
[CV 3/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.688, test=-3086.455)

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total time= 37.1s
[CV 1/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1382.364, test=-2678.863)
total time= 1.4s
[CV 3/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1272.252, test=-2953.271)
total time= 1.4s
[CV 5/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1269.089, test=-2899.055)
total time= 1.4s
[CV 3/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1386.558, test=-3000.803)
total time= 1.5s
[CV 5/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1188.939, test=-3074.977)
total time= 1.4s
[CV 2/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-770.256, test=-2746.194)
total time= 2.9s
[CV 5/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-725.699, test=-3081.253)
total time= 2.8s
[CV 1/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-137.366, test=-2877.613)
total time= 7.3s
[CV 4/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-119.155, test=-3095.556)
total time= 7.3s
[CV 2/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-14.358, test=-2819.552)

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total time= 14.7s
[CV 5/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-17.311, test=-3133.674)
total time= 14.8s
[CV 1/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.228, test=-2890.327)
total time= 36.9s
[CV 4/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3121.924)
total time= 1.2min
[CV 2/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.031, test=-2818.655)
total time= 36.4s
[CV 5/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3141.402)
total time= 1.2min
[CV 3/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.128, test=-3138.509)
total time= 37.2s
[CV 1/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1382.364, test=-2691.846)
total time= 1.4s
[CV 2/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1470.398, test=-2658.875)
total time= 1.5s
[CV 4/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1413.029, test=-2877.977)
total time= 1.5s
[CV 1/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

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[CV 1/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-775.846, test=-2739.598)
total time= 2.9s

[CV 3/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 3/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-822.596, test=-3046.316)
total time= 2.9s

[CV 5/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 5/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-818.600, test=-3020.380)
total time= 2.8s

[CV 3/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 3/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-251.151, test=-3143.285)
total time= 7.2s

[CV 1/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 1/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-30.678, test=-2806.003)
total time= 14.6s

[CV 4/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 4/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-26.531, test=-3070.302)
total time= 14.5s

[CV 2/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1.120, test=-2782.322)
total time= 29.1s

[CV 5/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 5/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.293, test=-3083.101)
total time= 36.9s

[CV 5/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 5/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-773.634, test=-2981.614)
total time= 2.9s

[CV 3/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 3/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-227.764, test=-3136.068)
total time= 7.4s

[CV 1/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 1/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-30.678, test=-2779.181)
total time= 14.5s

[CV 4/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 4/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-34.195, test=-3054.424)
total time= 14.7s

[CV 4/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 4/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-0.590, test=-3074.692)
total time= 29.1s

[CV 5/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-1055.364, test=-2906.163)
total time= 1.4s

[CV 2/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 2/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-752.780, test=-2683.956)
total time= 3.0s

[CV 4/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 4/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-631.629, test=-2938.098)
total time= 3.0s

[CV 2/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 2/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-121.913, test=-2734.021)
total time= 7.5s

[CV 5/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 5/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-80.885, test=-3124.995)
total time= 7.4s

[CV 3/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 3/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-5.763, test=-3100.360)
total time= 15.2s

[CV 1/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 1/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-0.014, test=-2795.968)
total time= 30.0s

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[CV 4/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.002, test=-3114.049)
total time= 37.4s
[CV 3/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1299.708, test=-3079.502)
total time= 1.5s
[CV 5/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1130.015, test=-3011.526)
total time= 1.4s
[CV 2/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-770.256, test=-2733.374)
total time= 3.0s
[CV 5/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-725.699, test=-3082.197)
total time= 3.0s
[CV 3/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-143.362, test=-3154.855)
total time= 7.4s
[CV 1/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-14.604, test=-2910.647)
total time= 14.7s
[CV 4/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-12.349, test=-3121.230)
total time= 15.0s
[CV 5/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.196, test=-3141.943)
total time= 30.2s
[CV 3/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3243.557)
total time= 1.3min
[CV 5/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.438, test=-3171.995)
total time= 29.7s
[CV 3/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3145.295)
total time= 1.2min
[CV 5/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.335, test=-3187.021)
total time= 29.8s
[CV 3/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3149.122)
total time= 1.2min
[CV 4/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.246, test=-3144.975)
total time= 29.5s
[CV 2/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2783.010)
total time= 1.2min
[CV 3/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1.585, test=-3135.426)
total time= 29.5s
[CV 1/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.170, test=-2789.113)
total time= 1.3min
[CV 4/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1.585, test=-3070.344)
total time= 29.3s
[CV 2/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 2/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.013, test=-2805.784)
total time= 1.2min
[CV 2/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.681, test=-2811.498)
total time= 28.9s
[CV 5/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.432, test=-3087.252)
total time= 37.0s
[CV 2/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1514.980, test=-2570.673)
total time= 1.5s
[CV 4/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1278.506, test=-2955.410)
total time= 1.5s
[CV 1/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-663.170, test=-2853.315)
total time= 2.9s
[CV 3/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-626.462, test=-3149.150)
total time= 2.9s
[CV 1/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-131.692, test=-2883.492)
total time= 7.3s
[CV 4/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-119.155, test=-3113.956)
total time= 7.3s
[CV 3/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-12.078, test=-3213.059)

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total time= 14.7s
[CV 1/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.472, test=-2892.970)
total time= 29.6s
[CV 4/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.109, test=-3110.106)
total time= 37.1s
[CV 4/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1413.029, test=-2880.877)
total time= 1.4s
[CV 1/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-775.846, test=-2746.578)
total time= 2.9s
[CV 3/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-822.618, test=-3051.498)
total time= 2.9s
[CV 1/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-187.485, test=-2765.063)
total time= 7.2s
[CV 4/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-200.879, test=-3042.126)
total time= 7.2s
[CV 2/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-29.277, test=-2763.334)
total time= 14.5s
[CV 5/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-34.927, test=-3092.356)
total time= 14.6s
[CV 1/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

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[CV 1/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2.604, test=-2790.255)
total time= 36.9s

[CV 4/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 4/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.008, test=-3075.249)
total time= 1.2min

[CV 2/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 2/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.357, test=-2803.500)
total time= 36.8s

[CV 5/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 5/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.009, test=-3069.461)
total time= 1.3min

[CV 3/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 3/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.688, test=-3084.400)
total time= 37.0s

[CV 1/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 1/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1382.364, test=-2696.649)
total time= 1.4s

[CV 2/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 2/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1470.377, test=-2655.715)
total time= 1.4s

[CV 4/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 4/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1412.988, test=-2877.835)
total time= 1.4s

[CV 1/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 1/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-775.846, test=-2753.958)
total time= 2.8s

[CV 3/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 3/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-807.545, test=-3069.045)
total time= 2.8s

[CV 1/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-187.485, test=-2772.955)
total time= 7.1s

[CV 4/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 4/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-233.117, test=-3061.855)
total time= 7.2s

[CV 2/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 5/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-0.013, test=-3074.798)
total time= 29.7s

[CV 3/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 3/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3145.922)
total time= 1.2min

[CV 3/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 3/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-0.176, test=-3147.477)
total time= 30.5s

[CV 2/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 2/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2815.201)
total time= 1.3min

[CV 3/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 3/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-0.313, test=-3254.585)
total time= 29.6s

[CV 1/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 1/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-2886.623)
total time= 1.3min

[CV 2/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 2/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-0.165, test=-2812.034)
total time= 29.2s

[CV 5/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250
[CV 5/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.033, test=-3171.839)
total time= 36.6s
[CV 4/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-636.072, test=-3047.459)
total time= 2.9s
[CV 2/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-154.253, test=-2809.108)
total time= 7.2s
[CV 5/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-135.608, test=-3111.879)
total time= 7.2s
[CV 2/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-14.358, test=-2818.520)
total time= 14.6s
[CV 5/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-18.492, test=-3171.363)
total time= 14.7s
[CV 1/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.126, test=-2923.213)
total time= 36.8s
[CV 4/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3116.173)
total time= 1.3min
[CV 2/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.962, test=-2788.529)
total time= 37.2s
[CV 5/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.009, test=-3073.787)

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total time= 1.3min
[CV 4/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.266, test=-3049.648)
total time= 36.7s
[CV 2/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1470.597, test=-2653.669)
total time= 1.4s
[CV 4/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1412.993, test=-2872.201)
total time= 1.4s
[CV 1/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-775.846, test=-2754.751)
total time= 2.8s
[CV 3/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-822.596, test=-3054.499)
total time= 2.9s
[CV 1/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-187.485, test=-2771.699)
total time= 7.2s
[CV 4/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-218.890, test=-3028.885)
total time= 7.2s
[CV 2/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-29.277, test=-2766.793)
total time= 14.4s
[CV 5/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-34.927, test=-3082.657)
total time= 14.5s
[CV 1/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 1/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2.604, test=-2791.338)
total time= 37.1s

[CV 4/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3034.880)
total time= 1.2min

[CV 2/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 4/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 4/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-787.263, test=-3026.646)
total time= 2.9s

[CV 2/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 2/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-262.817, test=-2784.423)
total time= 7.3s

[CV 5/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 5/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-232.655, test=-3072.717)
total time= 7.3s

[CV 3/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 3/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-33.562, test=-3089.308)
total time= 14.6s

[CV 1/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 1/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-5.015, test=-2789.387)
total time= 29.4s

[CV 4/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 4/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.137, test=-3066.764)
total time= 36.4s

[CV 3/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 3/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1369.694, test=-2942.569)
total time= 1.5s

[CV 5/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 5/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10;; score=(train=-1341.080, test=-2910.831)
total time= 1.5s
[CV 2/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-848.449, test=-2751.032)
total time= 2.9s
[CV 4/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-787.371, test=-3032.004)
total time= 2.8s
[CV 1/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-187.485, test=-2790.316)
total time= 7.1s
[CV 4/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-199.312, test=-3068.236)
total time= 7.2s
[CV 2/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-32.638, test=-2802.667)
total time= 14.6s
[CV 5/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-34.927, test=-3082.908)
total time= 14.6s
[CV 1/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2.604, test=-2793.224)
total time= 36.9s
[CV 4/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.002, test=-3099.857)
total time= 1.2min
[CV 2/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.183, test=-2760.439)
total time= 36.5s
[CV 5/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 5/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.009, test=-3074.411)
total time= 1.2min
[CV 3/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.688, test=-3090.994)
total time= 37.0s
[CV 1/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2087.471, test=-2591.673)
total time= 0.6s
[CV 2/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2114.393, test=-2621.963)
total time= 0.6s
[CV 3/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1981.279, test=-2970.550)
total time= 0.6s
[CV 5/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2052.973, test=-2975.872)
total time= 0.6s
[CV 2/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1790.994, test=-2839.702)
total time= 1.2s
[CV 4/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1769.908, test=-2991.646)
total time= 1.2s
[CV 1/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1002.416, test=-3012.799)
total time= 3.0s
[CV 3/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-971.179, test=-3321.292)

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total time= 3.0s
[CV 1/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-419.633, test=-3023.224)
total time= 6.1s
[CV 4/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2794.278)
total time= 1.3min
[CV 4/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.308, test=-3099.668)
total time= 29.4s
[CV 1/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2927.717)
total time= 1.3min
[CV 2/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.165, test=-2803.742)
total time= 29.4s
[CV 5/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.010, test=-3110.873)
total time= 36.7s
[CV 4/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-636.072, test=-3057.578)
total time= 2.9s
[CV 2/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-154.253, test=-2818.166)
total time= 7.4s
[CV 1/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-14.604, test=-2882.661)
total time= 14.8s
[CV 4/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

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[CV 4/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-12.349, test=-3118.188)
total time= 14.8s

[CV 3/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 3/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.176, test=-3162.198)
total time= 29.6s

[CV 1/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 1/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-2893.128)
total time= 1.3min

[CV 2/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 2/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.165, test=-2794.577)
total time= 29.5s

[CV 5/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 5/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.052, test=-3113.876)
total time= 37.2s

[CV 5/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 5/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-773.634, test=-2986.201)
total time= 2.9s

[CV 3/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 3/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-235.156, test=-3186.374)
total time= 7.3s

[CV 1/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 1/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-30.678, test=-2787.407)
total time= 14.6s

[CV 4/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 4/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-26.195, test=-3105.892)
total time= 14.6s

[CV 4/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 4/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.600, test=-3102.485)
total time= 29.1s

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[CV 2/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.013, test=-2794.000)
total time= 1.2min
[CV 3/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2.167, test=-3148.498)
total time= 29.4s
[CV 1/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.170, test=-2801.119)
total time= 1.3min
[CV 3/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1.545, test=-3128.559)
total time= 29.6s
[CV 2/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.013, test=-2794.508)
total time= 1.2min
[CV 4/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.600, test=-3102.029)
total time= 29.2s
[CV 1/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.170, test=-2813.556)
total time= 1.2min
[CV 4/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-32.328, test=-3240.029)
total time= 15.3s
[CV 1/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2087.471, test=-2591.269)
total time= 0.6s
[CV 3/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=10;; score=(train=-1982.188, test=-2975.050)
total time= 0.6s
[CV 5/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2036.598, test=-2925.346)
total time= 0.6s
[CV 2/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-897.882, test=-2727.807)
total time= 2.9s
[CV 4/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-787.213, test=-3033.085)
total time= 2.9s
[CV 2/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-199.226, test=-2832.714)
total time= 7.3s
[CV 5/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-190.339, test=-3076.840)
total time= 7.3s
[CV 3/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-29.692, test=-3137.453)
total time= 14.6s
[CV 1/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-5.015, test=-2784.390)
total time= 29.4s
[CV 4/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.114, test=-3088.994)
total time= 36.3s
[CV 3/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1272.258, test=-2943.330)
total time= 1.4s
[CV 5/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10
[CV 5/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1341.080, test=-2904.375)
total time= 1.4s
[CV 2/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-942.414, test=-2768.059)
total time= 2.9s
[CV 4/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-787.277, test=-3017.938)
total time= 2.8s
[CV 2/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-231.334, test=-2769.334)
total time= 7.2s
[CV 5/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-232.655, test=-3087.211)
total time= 7.2s
[CV 3/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-26.584, test=-3139.681)
total time= 14.4s
[CV 1/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-5.015, test=-2801.430)
total time= 29.2s
[CV 4/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.266, test=-3062.269)
total time= 36.3s
[CV 4/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2136.160, test=-2753.726)
total time= 0.6s
[CV 1/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1741.496, test=-2843.950)

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total time= 1.2s
[CV 3/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1666.303, test=-3181.341)
total time= 1.2s
[CV 5/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1724.435, test=-3080.562)
total time= 1.2s
[CV 2/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1062.045, test=-2966.330)
total time= 3.0s
[CV 4/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1027.157, test=-3113.259)
total time= 3.0s
[CV 2/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-418.780, test=-3035.183)
total time= 6.1s
[CV 5/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-432.049, test=-3432.333)
total time= 6.1s
[CV 3/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-75.126, test=-3449.207)
total time= 12.1s
[CV 1/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-31.514, test=-3042.390)
total time= 15.1s
[CV 1/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.485, test=-3054.319)
total time= 30.3s
[CV 2/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

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[CV 2/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-87.921, test=-3068.214)
total time= 12.1s

[CV 4/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 4/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-421.072, test=-3185.611)
total time= 6.1s

[CV 2/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 2/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-77.604, test=-3025.771)
total time= 12.3s

[CV 5/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 5/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-80.170, test=-3467.027)
total time= 12.3s

[CV 3/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 3/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-32.164, test=-3473.166)
total time= 15.3s

[CV 5/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 5/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.604, test=-3442.200)
total time= 30.6s

[CV 5/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 5/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-37.304, test=-3417.172)
total time= 15.3s

[CV 3/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

[CV 3/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2073.104, test=-2886.930)
total time= 0.7s

[CV 1/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 1/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1677.368, test=-2703.943)
total time= 1.2s

[CV 4/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 4/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1761.879, test=-2849.660)
total time= 1.2s

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[CV 2/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1085.616, test=-2908.675)
total time= 3.1s
[CV 5/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1051.268, test=-3250.447)
total time= 3.1s
[CV 3/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-473.624, test=-3226.838)
total time= 6.1s
[CV 1/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-95.930, test=-2919.095)
total time= 12.3s
[CV 4/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-42.360, test=-3082.720)
total time= 15.3s
[CV 2/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2176.910, test=-2614.704)
total time= 0.6s
[CV 4/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2149.685, test=-2794.802)
total time= 0.6s
[CV 1/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1763.290, test=-2745.384)
total time= 1.2s
[CV 4/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1830.225, test=-3024.358)
total time= 1.2s
[CV 2/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50;; score=(train=-1092.052, test=-3034.232)
total time= 3.1s
[CV 5/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1055.607, test=-3222.573)
total time= 3.1s
[CV 3/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-495.343, test=-3244.468)
total time= 6.1s
[CV 1/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-115.145, test=-2892.567)
total time= 12.3s
[CV 3/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-51.070, test=-3339.769)
total time= 15.3s
[CV 1/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2136.001, test=-2480.052)
total time= 0.6s
[CV 2/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2204.723, test=-2526.037)
total time= 0.6s
[CV 4/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2111.303, test=-2808.875)
total time= 0.6s
[CV 2/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1854.892, test=-2731.170)
total time= 1.2s
[CV 5/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1694.972, test=-3125.402)
total time= 1.3s
[CV 3/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=50
[CV 3/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1110.217, test=-3284.218)
total time= 3.1s
[CV 5/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.169, test=-3141.840)
total time= 29.7s
[CV 3/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-3177.463)
total time= 1.3min
[CV 5/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1.627, test=-3082.042)
total time= 29.6s
[CV 3/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.035, test=-3136.393)
total time= 1.3min
[CV 5/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1.627, test=-3075.545)
total time= 29.4s
[CV 3/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.009, test=-3133.792)
total time= 1.2min
[CV 5/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1.627, test=-3087.841)
total time= 29.5s
[CV 3/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.075, test=-3085.482)
total time= 1.3min
[CV 5/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1.627, test=-3068.184)
total time= 29.5s
[CV 3/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500
[CV 3/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.040, test=-3134.116)
total time= 1.3min
[CV 2/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.576, test=-3004.410)
total time= 30.6s
[CV 3/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-76.325, test=-3501.096)
total time= 12.2s
[CV 1/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.616, test=-3185.998)
total time= 30.7s
[CV 2/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-94.296, test=-3069.234)
total time= 12.3s
[CV 5/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-43.265, test=-3408.842)
total time= 15.4s
[CV 3/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1780.700, test=-2912.984)
total time= 1.2s
[CV 1/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1037.518, test=-2812.473)
total time= 3.1s
[CV 4/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1133.255, test=-3125.682)
total time= 3.1s
[CV 2/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-497.115, test=-3205.150)

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total time= 6.1s
[CV 5/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-485.283, test=-3297.027)
total time= 5.9s
[CV 1/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-57.104, test=-2919.741)
total time= 15.2s
[CV 4/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.297, test=-3295.891)
total time= 30.4s
[CV 2/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-52.655, test=-3091.205)
total time= 15.2s
[CV 5/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1.241, test=-3388.324)
total time= 30.4s
[CV 3/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-45.049, test=-3368.958)
total time= 15.1s
[CV 1/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2136.001, test=-2478.070)
total time= 0.6s
[CV 2/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2204.723, test=-2527.564)
total time= 0.6s
[CV 3/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2054.082, test=-2935.180)
total time= 0.6s
[CV 4/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 4/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2111.303, test=-2810.965)
total time= 0.6s
[CV 2/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1791.163, test=-2797.994)
total time= 1.2s
[CV 4/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1770.172, test=-2991.581)
total time= 1.2s
[CV 1/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1033.731, test=-3043.105)
total time= 3.0s
[CV 4/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-993.794, test=-3207.056)
total time= 3.1s
[CV 2/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-455.107, test=-3049.507)
total time= 6.1s
[CV 5/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-458.287, test=-3292.255)
total time= 6.1s
[CV 5/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-87.139, test=-3373.653)
total time= 12.2s
[CV 3/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.552, test=-3500.073)
total time= 30.5s
[CV 1/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-43.360, test=-2956.211)
total time= 15.3s

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[CV 4/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 4/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.805, test=-3118.662)
total time= 30.6s

[CV 2/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 2/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-55.208, test=-3217.901)
total time= 15.4s

[CV 5/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 5/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-1.199, test=-3348.157)
total time= 30.8s

[CV 3/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 3/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-45.049, test=-3372.317)
total time= 15.4s

[CV 1/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 1/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-2136.001, test=-2490.850)
total time= 0.6s

[CV 2/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 2/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-2204.723, test=-2532.140)
total time= 0.6s

[CV 3/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 3/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-2054.082, test=-2927.938)
total time= 0.6s

[CV 4/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 4/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-2111.303, test=-2801.794)
total time= 0.6s

[CV 1/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 1/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-1805.979, test=-2641.993)
total time= 1.2s

[CV 4/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 4/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20;; score=(train=-1778.943, test=-2992.320)
total time= 1.3s
[CV 2/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1117.857, test=-2969.214)
total time= 3.1s
[CV 5/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1014.088, test=-3289.855)
total time= 3.1s
[CV 3/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-482.243, test=-3347.633)
total time= 6.2s
[CV 1/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-104.149, test=-3066.122)
total time= 12.2s
[CV 4/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-41.173, test=-3417.672)
total time= 15.4s
[CV 1/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1805.979, test=-2649.273)
total time= 1.2s
[CV 3/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1756.307, test=-3155.734)
total time= 1.3s
[CV 1/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1070.531, test=-2996.272)
total time= 3.1s
[CV 4/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1029.898, test=-3281.525)
total time= 3.1s
[CV 2/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 5/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-773.634, test=-2979.469)
total time= 2.8s
[CV 3/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-219.242, test=-3129.625)
total time= 7.2s
[CV 1/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-30.678, test=-2777.876)
total time= 14.3s
[CV 4/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-30.943, test=-3080.030)
total time= 14.5s
[CV 2/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2.201, test=-2803.422)
total time= 29.4s
[CV 5/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.293, test=-3068.853)
total time= 36.9s
[CV 5/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1019.869, test=-3303.145)
total time= 3.1s
[CV 3/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-424.460, test=-3451.046)
total time= 6.1s
[CV 1/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-75.164, test=-3091.267)
total time= 12.1s
[CV 4/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

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[CV 4/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-74.408, test=-3255.918)
total time= 12.2s

[CV 2/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 2/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-33.528, test=-3018.599)
total time= 15.3s

[CV 3/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 3/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.527, test=-3447.042)
total time= 30.4s

[CV 1/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 1/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-35.656, test=-3157.668)
total time= 15.2s

[CV 4/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 4/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.536, test=-3275.945)
total time= 30.5s

[CV 2/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 2/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-41.455, test=-3050.982)
total time= 15.2s

[CV 5/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 5/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.818, test=-3392.213)
total time= 30.4s

[CV 4/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-49.825, test=-3283.088)
total time= 15.2s

[CV 3/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 3/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2054.082, test=-2935.180)
total time= 0.6s

[CV 5/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 5/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2056.739, test=-2956.761)
total time= 0.6s

[CV 3/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 3/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-1756.307, test=-3155.734) total time= 1.2s
[CV 1/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 1/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-1070.531, test=-2992.125) total time= 3.0s
[CV 4/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 4/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-1029.898, test=-3272.713) total time= 3.0s
[CV 2/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 2/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-504.089, test=-3066.144) total time= 6.1s
[CV 5/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 5/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-471.045, test=-3371.437) total time= 6.1s
[CV 1/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 1/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-52.224, test=-3058.881) total time= 15.2s
[CV 4/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 4/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-1.068, test=-3450.231) total time= 30.6s
[CV 2/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 2/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-52.655, test=-3091.802) total time= 15.4s
[CV 5/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 5/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-1.241, test=-3387.498) total time= 30.7s
[CV 3/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 1/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 1/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.170, test=-2805.441)
total time= 1.3min
[CV 3/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2.326, test=-3166.046)
total time= 29.6s
[CV 2/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.008, test=-2769.244)
total time= 1.3min
[CV 5/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-35.178, test=-3462.355)
total time= 15.3s
[CV 2/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2114.393, test=-2575.449)
total time= 0.6s
[CV 4/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2136.340, test=-2763.193)
total time= 0.6s
[CV 1/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1742.345, test=-2863.779)
total time= 1.3s
[CV 3/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1697.774, test=-3103.115)
total time= 1.2s
[CV 5/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1747.351, test=-3049.408)
total time= 1.2s
[CV 3/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-983.276, test=-3411.831)

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total time= 3.1s
[CV 1/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-447.039, test=-3051.481)
total time= 6.1s
[CV 4/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-407.636, test=-3257.380)
total time= 6.1s
[CV 4/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-77.636, test=-3265.864)
total time= 12.2s
[CV 2/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.753, test=-3021.598)
total time= 30.5s
[CV 4/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-87.518, test=-3109.114)
total time= 12.2s
[CV 2/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.808, test=-3070.027)
total time= 30.4s
[CV 3/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-106.781, test=-3296.606)
total time= 12.2s
[CV 1/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.517, test=-2938.790)
total time= 30.7s
[CV 2/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-111.047, test=-3057.402)
total time= 12.2s
[CV 5/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

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[CV 5/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-50.064, test=-3392.439)
total time= 15.4s

[CV 3/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 3/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1756.307, test=-3155.734)
total time= 1.2s

[CV 1/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 1/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1070.531, test=-3005.855)
total time= 3.1s

[CV 4/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 4/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1029.898, test=-3299.330)
total time= 3.1s

[CV 2/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 2/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-504.089, test=-3076.805)
total time= 6.2s

[CV 5/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 5/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-471.045, test=-3359.361)
total time= 6.2s

[CV 1/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 1/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-52.224, test=-3068.678)
total time= 15.1s

[CV 4/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 4/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.068, test=-3410.010)
total time= 30.6s

[CV 2/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 2/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-52.655, test=-3098.454)
total time= 15.4s

[CV 5/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 4/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-31.298, test=-3292.120)
total time= 15.1s

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[CV 1/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2059.721, test=-2543.587)
total time= 0.6s
[CV 4/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2120.013, test=-2758.146)
total time= 0.6s
[CV 2/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1792.640, test=-2788.525)
total time= 1.2s
[CV 5/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1720.091, test=-3048.714)
total time= 1.2s
[CV 3/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1033.879, test=-3188.898)
total time= 3.0s
[CV 1/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-442.238, test=-2897.376)
total time= 6.0s
[CV 4/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-449.845, test=-3111.495)
total time= 6.0s
[CV 3/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-89.423, test=-3283.989)
total time= 12.1s
[CV 1/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.983, test=-2941.955)
total time= 30.3s
[CV 2/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200;; score=(train=-117.052, test=-3243.381)
total time= 12.1s
[CV 5/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-48.346, test=-3345.331)
total time= 15.2s
[CV 1/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1805.979, test=-2657.422)
total time= 1.2s
[CV 4/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1778.943, test=-3001.191)
total time= 1.2s
[CV 2/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1117.857, test=-2971.979)
total time= 3.0s
[CV 5/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1014.088, test=-3293.418)
total time= 3.1s
[CV 3/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-482.243, test=-3355.522)
total time= 6.1s
[CV 1/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-104.149, test=-3081.162)
total time= 12.1s
[CV 4/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-41.173, test=-3425.345)
total time= 15.2s
[CV 5/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2056.739, test=-2956.761)
total time= 0.6s
[CV 2/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20
[CV 2/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1854.892, test=-2733.756)
total time= 1.2s
[CV 5/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1694.972, test=-3119.946)
total time= 1.2s
[CV 3/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1110.217, test=-3295.290)
total time= 3.1s
[CV 1/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-478.859, test=-3080.971)
total time= 6.1s
[CV 4/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-456.335, test=-3396.204)
total time= 6.1s
[CV 3/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-105.507, test=-3381.859)
total time= 12.2s
[CV 1/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.393, test=-3075.433)
total time= 30.3s
[CV 2/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-111.047, test=-3065.965)
total time= 12.1s
[CV 5/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-50.064, test=-3397.088)
total time= 15.2s
[CV 2/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-25.547, test=-2767.017)
total time= 14.4s
[CV 5/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100
[CV 5/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-34.927, test=-3065.034)
total time= 14.5s
[CV 1/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2.604, test=-2788.027)
total time= 36.9s
[CV 4/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3094.320)
total time= 1.2min
[CV 4/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.557, test=-3250.172)
total time= 30.4s
[CV 2/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-36.996, test=-3028.938)
total time= 15.2s
[CV 5/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.592, test=-3350.409)
total time= 30.4s
[CV 3/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-44.846, test=-3276.543)
total time= 15.3s
[CV 1/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2088.678, test=-2553.234)
total time= 0.6s
[CV 3/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2082.523, test=-2871.076)
total time= 0.6s
[CV 5/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2047.690, test=-2913.820)

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total time= 0.6s
[CV 2/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1805.166, test=-2849.315)
total time= 1.2s
[CV 5/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1747.993, test=-3081.625)
total time= 1.2s
[CV 3/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1112.901, test=-3113.759)
total time= 3.1s
[CV 1/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-440.752, test=-2873.357)
total time= 6.1s
[CV 4/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-469.414, test=-3232.119)
total time= 6.2s
[CV 4/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-102.762, test=-3294.539)
total time= 12.2s
[CV 2/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.277, test=-3244.136)
total time= 30.7s
[CV 3/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-105.507, test=-3382.701)
total time= 12.2s
[CV 1/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1.393, test=-3085.913)
total time= 30.7s
[CV 2/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 2/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-111.047, test=-3078.109)
total time= 12.2s
[CV 5/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-50.064, test=-3396.319)
total time= 15.1s
[CV 5/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1694.972, test=-3125.402)
total time= 1.2s
[CV 3/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1110.217, test=-3289.447)
total time= 3.1s
[CV 1/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-478.859, test=-3052.917)
total time= 6.1s
[CV 4/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-456.335, test=-3380.558)
total time= 6.1s
[CV 3/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-105.507, test=-3376.236)
total time= 12.1s
[CV 1/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1.393, test=-3062.446)
total time= 30.3s
[CV 2/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-114.664, test=-3110.271)
total time= 12.2s
[CV 2/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.183, test=-2777.564)
total time= 36.8s
[CV 5/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

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[CV 5/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.005, test=-3073.713)
total time= 1.3min
[CV 2/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1067.208, test=-2930.639)
total time= 3.1s
[CV 5/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1067.218, test=-3245.081)
total time= 3.1s
[CV 3/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-415.050, test=-3532.877)
total time= 6.1s
[CV 1/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-81.548, test=-3103.102)
total time= 12.2s
[CV 3/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-32.498, test=-3470.427)
total time= 15.3s
[CV 2/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2130.288, test=-2565.382)
total time= 0.7s
[CV 5/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2042.598, test=-2909.167)
total time= 0.6s
[CV 3/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1770.333, test=-2992.075)
total time= 1.2s
[CV 1/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1032.068, test=-2848.530)
total time= 3.1s

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[CV 4/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 4/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=50;; score=(train=-1047.468, test=-3072.770) total time= 3.0s

[CV 2/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 2/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-481.986, test=-2950.755) total time= 6.1s

[CV 5/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 5/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-479.332, test=-3393.470) total time= 6.1s

[CV 5/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 5/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-91.341, test=-3411.531) total time= 12.2s

[CV 3/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 3/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.985, test=-3279.973) total time= 30.5s

[CV 5/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 5/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-104.733, test=-3346.492) total time= 12.2s

[CV 3/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 3/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-1.277, test=-3284.378) total time= 30.8s

[CV 4/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 4/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-88.266, test=-3430.383) total time= 12.3s

[CV 2/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 2/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-1.296, test=-3093.421) total time= 30.8s

[CV 5/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 5/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200;; score=(train=-104.045, test=-3389.057)
total time= 12.2s
[CV 2/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.296, test=-3078.068)
total time= 30.6s
[CV 5/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-104.045, test=-3392.675)
total time= 12.3s
[CV 3/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1.165, test=-3373.986)
total time= 30.8s
[CV 4/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-126.092, test=-3301.471)
total time= 12.3s
[CV 3/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-2.042, test=-3414.683)
total time= 30.7s
[CV 4/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-131.312, test=-3478.970)
total time= 12.2s
[CV 2/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-3.095, test=-3169.376)
total time= 30.6s
[CV 3/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-132.970, test=-3386.982)
total time= 12.2s
[CV 5/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2056.739, test=-2956.761)
total time= 0.6s
[CV 2/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=20
[CV 2/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1854.892, test=-2745.891)
total time= 1.2s
[CV 4/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1778.943, test=-2975.286)
total time= 1.2s
[CV 2/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1117.857, test=-2973.800)
total time= 3.0s
[CV 5/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1014.088, test=-3296.058)
total time= 3.0s
[CV 3/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-482.243, test=-3350.506)
total time= 6.1s
[CV 1/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-104.149, test=-3079.609)
total time= 12.1s
[CV 4/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-41.173, test=-3417.175)
total time= 15.3s
[CV 2/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2223.331, test=-2586.448)
total time= 0.6s
[CV 4/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2128.479, test=-2797.816)
total time= 0.6s
[CV 1/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1796.628, test=-2715.059)

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total time= 1.2s
[CV 3/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1763.290, test=-3142.526)
total time= 1.2s
[CV 1/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1024.596, test=-2954.056)
total time= 3.1s
[CV 4/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1138.388, test=-3181.430)
total time= 3.1s
[CV 2/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-491.113, test=-3085.034)
total time= 6.2s
[CV 1/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-113.658, test=-3094.451)
total time= 12.3s
[CV 4/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-63.088, test=-3296.703)
total time= 15.4s
[CV 3/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2103.030, test=-2878.586)
total time= 0.6s
[CV 5/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2110.601, test=-2864.385)
total time= 0.6s
[CV 2/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1861.322, test=-2694.651)
total time= 1.2s
[CV 5/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 5/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1781.475, test=-3055.380)
total time= 1.2s
[CV 3/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1127.130, test=-3258.781)
total time= 3.1s
[CV 1/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-558.010, test=-3069.226)
total time= 6.1s
[CV 4/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-498.318, test=-3415.888)
total time= 6.1s
[CV 5/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-124.952, test=-3315.402)
total time= 12.2s
[CV 3/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-2.716, test=-3384.298)
total time= 30.5s
[CV 4/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-131.312, test=-3467.170)
total time= 12.2s
[CV 2/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-3.095, test=-3169.166)
total time= 30.3s
[CV 3/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-478.859, test=-3048.988)
total time= 6.1s
[CV 4/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100;; score=(train=-456.335, test=-3366.973)
total time= 6.1s
[CV 5/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-104.045, test=-3387.954)
total time= 12.2s
[CV 3/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1.165, test=-3370.115)
total time= 30.7s
[CV 4/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-88.266, test=-3404.353)
total time= 12.3s
[CV 3/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.165, test=-3366.461)
total time= 30.6s
[CV 4/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-88.266, test=-3397.977)
total time= 12.2s
[CV 2/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1.296, test=-3075.213)
total time= 30.6s
[CV 3/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-113.908, test=-3420.203)
total time= 12.2s
[CV 1/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1.857, test=-3098.335)
total time= 30.5s
[CV 2/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-146.879, test=-3167.255)
total time= 12.1s
[CV 1/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500
[CV 1/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-3.096, test=-3119.813)
total time= 30.5s
[CV 2/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-146.879, test=-3168.514)
total time= 12.2s
[CV 5/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-61.940, test=-3325.586)
total time= 15.2s
[CV 4/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1832.709, test=-2887.279)
total time= 1.2s
[CV 2/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1197.254, test=-3025.383)
total time= 3.0s
[CV 5/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1106.440, test=-3185.712)
total time= 3.1s
[CV 3/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-520.088, test=-3333.520)
total time= 6.1s
[CV 1/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-135.026, test=-3106.155)
total time= 12.1s
[CV 4/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-63.077, test=-3474.329)
total time= 15.2s
[CV 3/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2102.625, test=-2879.992)

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total time= 0.6s
[CV 5/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2110.601, test=-2864.385)
total time= 0.6s
[CV 2/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1861.322, test=-2688.328)
total time= 1.2s
[CV 5/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1781.475, test=-3060.937)
total time= 1.2s
[CV 3/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1127.130, test=-3257.988)
total time= 3.0s
[CV 1/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-558.010, test=-3078.333)
total time= 6.0s
[CV 4/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-498.318, test=-3401.086)
total time= 6.0s
[CV 5/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-124.952, test=-3305.728)
total time= 12.1s
[CV 3/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-45.049, test=-3366.280)
total time= 15.4s
[CV 1/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2129.622, test=-2476.990)
total time= 0.7s
[CV 3/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

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[CV 3/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2054.082, test=-2935.180)
total time= 0.6s
[CV 5/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2104.366, test=-2944.187)
total time= 0.6s
[CV 2/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1865.868, test=-2858.032)
total time= 1.2s
[CV 4/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1835.917, test=-2921.375)
total time= 1.2s
[CV 2/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1135.131, test=-2973.517)
total time= 3.1s
[CV 5/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1054.319, test=-3174.617)
total time= 3.0s
[CV 3/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-479.126, test=-3431.266)
total time= 6.1s
[CV 5/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-498.109, test=-3320.196)
total time= 6.1s
[CV 1/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-55.553, test=-3087.293)
total time= 15.1s
[CV 4/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-2.048, test=-3304.338)
total time= 30.3s

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[CV 2/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-77.252, test=-3176.401)
total time= 15.1s
[CV 5/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-2.783, test=-3327.299)
total time= 30.2s
[CV 3/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-68.675, test=-3386.679)
total time= 15.0s
[CV 1/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2121.532, test=-2579.514)
total time= 0.6s
[CV 2/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2213.318, test=-2493.520)
total time= 0.6s
[CV 3/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2103.030, test=-2875.805)
total time= 0.6s
[CV 4/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2112.555, test=-2811.376)
total time= 0.6s
[CV 1/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1836.325, test=-2749.599)
total time= 1.2s
[CV 3/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1783.085, test=-3049.320)
total time= 1.2s
[CV 1/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50;; score=(train=-1112.922, test=-2956.880)
total time= 3.0s
[CV 4/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1117.646, test=-3222.342)
total time= 3.0s
[CV 2/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-554.484, test=-3119.324)
total time= 6.0s
[CV 5/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-521.875, test=-3302.182)
total time= 6.0s
[CV 1/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-68.726, test=-3125.569)
total time= 15.1s
[CV 4/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-2.893, test=-3460.197)
total time= 30.1s
[CV 2/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-77.252, test=-3164.729)
total time= 15.0s
[CV 5/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1777.125, test=-3067.303)
total time= 1.2s
[CV 3/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1033.860, test=-3343.118)
total time= 3.0s
[CV 1/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-482.599, test=-3072.843)

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total time= 6.1s
[CV 4/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-531.376, test=-3232.954)
total time= 6.1s
[CV 5/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-110.760, test=-3346.193)
total time= 12.1s
[CV 2/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1.695, test=-3124.058)
total time= 30.3s
[CV 3/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-132.970, test=-3388.831)
total time= 12.0s
[CV 5/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-61.940, test=-3340.106)
total time= 15.2s
[CV 3/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1783.085, test=-3040.941)
total time= 1.2s
[CV 1/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1112.922, test=-2955.797)
total time= 3.0s
[CV 4/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1117.646, test=-3216.895)
total time= 3.0s
[CV 2/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-554.484, test=-3123.020)
total time= 6.0s
[CV 5/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

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[CV 5/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-521.875, test=-3306.286)
total time= 6.1s
[CV 1/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-68.726, test=-3108.502)
total time= 15.0s
[CV 4/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-2.893, test=-3455.914)
total time= 30.2s
[CV 2/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-77.252, test=-3172.485)
total time= 15.2s
[CV 5/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-2.783, test=-3338.133)
total time= 30.4s
[CV 3/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-68.675, test=-3390.965)
total time= 15.2s
[CV 1/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2151.189, test=-2523.392)
total time= 0.6s
[CV 2/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2216.427, test=-2503.894)
total time= 0.6s
[CV 3/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2116.199, test=-2914.643)
total time= 0.6s
[CV 5/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2081.244, test=-2851.712)
total time= 0.6s

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[CV 2/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1876.766, test=-2718.813)
total time= 1.2s
[CV 4/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1782.816, test=-2884.480)
total time= 1.2s
[CV 2/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1219.945, test=-2975.380)
total time= 3.1s
[CV 5/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1138.295, test=-3198.320)
total time= 3.0s
[CV 3/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-590.291, test=-3280.620)
total time= 6.1s
[CV 1/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-177.723, test=-2886.379)
total time= 12.2s
[CV 4/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-504.089, test=-3045.538)
total time= 6.2s
[CV 5/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-471.045, test=-3372.553)
total time= 6.2s
[CV 1/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-52.224, test=-3067.434)
total time= 15.4s
[CV 4/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500;; score=(train=-1.068, test=-3424.315)
total time= 30.9s
[CV 2/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-55.354, test=-3134.836)
total time= 15.3s
[CV 5/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-2.046, test=-3338.343)
total time= 30.7s
[CV 3/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-68.675, test=-3385.520)
total time= 15.3s
[CV 1/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2121.532, test=-2573.930)
total time= 0.6s
[CV 2/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2213.318, test=-2487.704)
total time= 0.6s
[CV 4/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2112.555, test=-2810.195)
total time= 0.6s
[CV 1/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1836.325, test=-2753.709)
total time= 1.2s
[CV 4/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1832.709, test=-2898.110)
total time= 1.2s
[CV 2/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1197.254, test=-3029.563)
total time= 3.1s
[CV 5/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 5/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1106.440, test=-3185.870)
total time= 3.1s
[CV 3/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-520.088, test=-3341.016)
total time= 6.1s
[CV 1/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-135.026, test=-3111.716)
total time= 12.2s
[CV 4/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-63.077, test=-3470.444)
total time= 15.2s
[CV 5/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2110.601, test=-2855.616)
total time= 0.6s
[CV 2/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1861.322, test=-2695.467)
total time= 1.2s
[CV 5/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1781.475, test=-3039.950)
total time= 1.2s
[CV 3/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1127.130, test=-3255.838)
total time= 3.0s
[CV 1/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-558.010, test=-3066.376)
total time= 6.1s
[CV 4/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-498.318, test=-3407.826)

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total time= 6.1s
[CV 4/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-131.312, test=-3463.701)
total time= 12.1s
[CV 3/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-2.630, test=-3481.047)
total time= 30.3s
[CV 4/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-131.312, test=-3451.703)
total time= 12.2s
[CV 2/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-3.095, test=-3165.466)
total time= 30.4s
[CV 3/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-153.222, test=-3296.448)
total time= 12.1s
[CV 1/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-6.115, test=-2923.356)
total time= 30.3s
[CV 5/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-55.252, test=-3358.187)
total time= 15.3s
[CV 3/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1783.085, test=-3043.866)
total time= 1.2s
[CV 1/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1112.922, test=-2947.288)
total time= 3.1s
[CV 4/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

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[CV 4/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1117.646, test=-3207.206)
total time= 3.0s
[CV 2/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-554.484, test=-3111.830)
total time= 6.0s
[CV 5/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-521.875, test=-3286.634)
total time= 6.1s
[CV 1/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-68.726, test=-3118.540)
total time= 15.1s
[CV 4/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-2.893, test=-3467.517)
total time= 30.5s
[CV 2/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-77.252, test=-3173.693)
total time= 15.2s
[CV 5/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-2.783, test=-3327.640)
total time= 30.5s
[CV 3/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-68.675, test=-3380.720)
total time= 15.1s
[CV 1/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2121.532, test=-2574.457)
total time= 0.6s
[CV 2/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2213.318, test=-2482.220)
total time= 0.6s

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[CV 4/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 4/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2112.555, test=-2810.195)
total time= 0.6s

[CV 1/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 1/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-1836.325, test=-2755.444)
total time= 1.2s

[CV 4/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 4/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-1832.709, test=-2895.505)
total time= 1.2s

[CV 1/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 1/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1112.922, test=-2956.704)
total time= 3.0s

[CV 4/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 4/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1117.646, test=-3217.953)
total time= 3.0s

[CV 2/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 2/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-554.484, test=-3117.354)
total time= 6.0s

[CV 5/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 5/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-521.875, test=-3294.392)
total time= 6.0s

[CV 1/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 1/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-68.726, test=-3119.157)
total time= 15.0s

[CV 4/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 4/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-2.893, test=-3488.375)
total time= 30.2s

[CV 2/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 2/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250;; score=(train=-84.325, test=-3076.926)
total time= 15.1s
[CV 5/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-4.495, test=-3283.542)
total time= 30.3s
[CV 3/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-84.534, test=-3306.508)
total time= 15.2s
[CV 1/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2151.189, test=-2527.982)
total time= 0.6s
[CV 2/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2216.427, test=-2503.894)
total time= 0.6s
[CV 3/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2116.199, test=-2914.643)
total time= 0.6s

[CV 5/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1.241, test=-3388.028)
total time= 30.9s
[CV 3/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-58.800, test=-3413.991)
total time= 15.3s
[CV 1/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2121.532, test=-2575.740)
total time= 0.6s
[CV 2/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2213.318, test=-2492.468)
total time= 0.6s
[CV 4/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

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[CV 4/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2112.555, test=-2798.759)
total time= 0.6s

[CV 1/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 1/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1836.325, test=-2753.709)
total time= 1.3s

[CV 4/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 4/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1832.709, test=-2898.110)
total time= 1.2s

[CV 2/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 2/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1197.254, test=-3027.243)
total time= 3.1s

[CV 5/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 5/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1106.440, test=-3194.064)
total time= 3.1s

[CV 3/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 3/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-520.088, test=-3336.651)
total time= 6.1s

[CV 1/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 1/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-135.026, test=-3118.088)
total time= 12.1s

[CV 4/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 4/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-63.077, test=-3455.707)
total time= 15.2s

[CV 3/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 3/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2103.030, test=-2875.805)
total time= 0.6s

[CV 5/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 5/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2110.601, test=-2864.385)
total time= 0.6s

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[CV 2/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1861.322, test=-2689.146)
total time= 1.2s
[CV 5/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1781.475, test=-3054.633)
total time= 1.2s
[CV 3/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1127.130, test=-3256.861)
total time= 3.0s
[CV 1/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-558.010, test=-3070.184)
total time= 6.1s
[CV 4/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-498.318, test=-3399.966)
total time= 6.1s
[CV 5/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-124.952, test=-3317.747)
total time= 12.2s
[CV 3/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-2.716, test=-3383.999)
total time= 30.2s
[CV 5/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-124.952, test=-3313.606)
total time= 12.0s
[CV 2/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-3.095, test=-3166.143)
total time= 30.5s
[CV 3/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200;; score=(train=-132.970, test=-3385.806)
total time= 12.2s
[CV 1/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-3.096, test=-3121.444)
total time= 30.5s
[CV 4/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-161.100, test=-3267.212)
total time= 12.1s
[CV 2/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-4.655, test=-3085.972)
total time= 30.2s
[CV 2/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-155.348, test=-3079.558)
total time= 12.1s
[CV 5/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-83.688, test=-3294.910)
total time= 15.0s
[CV 1/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-3.096, test=-3106.776)
total time= 30.5s
[CV 2/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-146.879, test=-3170.783)
total time= 12.2s
[CV 5/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-61.940, test=-3337.747)
total time= 15.1s
[CV 3/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1783.085, test=-3040.704)
total time= 1.2s
[CV 2/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50
[CV 2/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1197.254, test=-3027.927)
total time= 3.0s
[CV 5/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1106.440, test=-3218.075)
total time= 3.1s
[CV 3/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-520.088, test=-3331.785)
total time= 6.1s
[CV 1/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-135.026, test=-3114.266)
total time= 12.1s
[CV 4/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-63.077, test=-3461.841)
total time= 15.3s
[CV 4/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2109.463, test=-2771.574)
total time= 0.6s
[CV 1/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1818.360, test=-2620.267)
total time= 1.2s
[CV 3/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1821.683, test=-3017.340)
total time= 1.2s
[CV 1/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1164.974, test=-2709.012)
total time= 3.1s
[CV 4/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1155.695, test=-3099.050)

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total time= 3.1s
[CV 2/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-568.530, test=-3058.090)
total time= 6.1s
[CV 5/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-539.561, test=-3250.706)
total time= 6.1s
[CV 1/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-98.331, test=-2900.869)
total time= 15.2s
[CV 4/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-4.419, test=-3270.810)
total time= 30.2s
[CV 2/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-84.325, test=-3079.872)
total time= 15.0s
[CV 5/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-4.495, test=-3278.335)
total time= 30.2s
[CV 3/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-84.534, test=-3307.267)
total time= 15.0s
[CV 1/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2151.189, test=-2527.185)
total time= 0.6s
[CV 2/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2216.427, test=-2504.773)
total time= 0.6s
[CV 4/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

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[CV 4/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2109.463, test=-2771.574)
total time= 0.6s

[CV 1/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 1/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1818.360, test=-2621.260)
total time= 1.2s

[CV 4/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 4/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1782.816, test=-2882.753)
total time= 1.2s

[CV 2/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 2/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1219.945, test=-2971.088)
total time= 3.0s

[CV 5/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 5/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1138.295, test=-3189.245)
total time= 3.0s

[CV 4/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-88.103, test=-3266.959)
total time= 15.2s

[CV 5/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 5/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2081.244, test=-2851.712)
total time= 0.6s

[CV 2/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 2/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1876.766, test=-2718.813)
total time= 1.2s

[CV 4/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 4/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1782.816, test=-2882.753)
total time= 1.2s

[CV 2/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 2/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1219.945, test=-2969.437)
total time= 3.1s

[CV 5/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

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[CV 5/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1138.295, test=-3195.523)
total time= 3.0s
[CV 3/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-590.291, test=-3277.595)
total time= 6.0s
[CV 1/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-177.723, test=-2888.902)
total time= 12.1s
[CV 4/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-88.103, test=-3268.763)
total time= 15.2s
[CV 4/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2109.463, test=-2771.574)
total time= 0.6s
[CV 1/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1818.360, test=-2625.978)
total time= 1.2s
[CV 4/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1782.816, test=-2884.480)
total time= 1.2s
[CV 2/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1219.945, test=-2976.585)
total time= 3.0s
[CV 5/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1138.295, test=-3200.556)
total time= 3.0s
[CV 3/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-590.291, test=-3271.448)
total time= 6.0s

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[CV 1/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-177.723, test=-2881.076)
total time= 12.0s
[CV 4/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-88.103, test=-3260.570)
total time= 15.1s
[CV 3/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2116.199, test=-2914.643)
total time= 0.6s
[CV 5/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2081.244, test=-2851.712)
total time= 0.6s
[CV 3/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1821.683, test=-3017.340)
total time= 1.2s
[CV 1/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1164.974, test=-2711.207)
total time= 3.1s
[CV 4/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1155.695, test=-3106.349)
total time= 3.1s
[CV 2/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-568.530, test=-3065.758)
total time= 6.1s
[CV 5/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-539.561, test=-3253.211)
total time= 6.1s
[CV 1/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250;; score=(train=-98.331, test=-2911.660)
total time= 15.2s
[CV 4/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-4.419, test=-3264.719)
total time= 30.4s
[CV 3/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.038, test=-3457.379)
total time= 19.7s
[CV 2/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3023.619)
total time= 49.3s
[CV 4/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-2.716, test=-3380.537)
total time= 30.2s
[CV 2/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-155.348, test=-3082.166)
total time= 12.2s
[CV 5/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-83.688, test=-3277.617)
total time= 15.2s
[CV 5/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1784.602, test=-2987.145)
total time= 1.2s
[CV 3/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1181.156, test=-3211.184)
total time= 3.0s
[CV 1/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-574.533, test=-2851.195)
total time= 6.0s
[CV 4/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=100
[CV 4/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-597.255, test=-3221.020)
total time= 6.1s
[CV 5/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-154.370, test=-3282.150)
total time= 12.1s
[CV 3/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-4.543, test=-3309.842)
total time= 30.1s
[CV 4/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-161.100, test=-3265.515)
total time= 12.1s
[CV 2/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-4.655, test=-3084.310)
total time= 30.3s
[CV 3/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-153.222, test=-3297.107)
total time= 12.2s
[CV 1/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-6.115, test=-2904.479)
total time= 30.4s
[CV 5/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-8.941, test=-3698.846)
total time= 9.9s
[CV 3/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.002, test=-3490.058)
total time= 24.6s
[CV 1/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1429.404, test=-2847.247)

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total time= 1.0s
[CV 2/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1576.268, test=-2757.334)
total time= 1.0s
[CV 3/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1450.423, test=-3061.444)
total time= 1.0s
[CV 4/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1349.182, test=-3158.717)
total time= 1.0s
[CV 5/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1436.765, test=-3281.854)
total time= 1.0s
[CV 1/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-838.214, test=-3058.533)
total time= 2.0s
[CV 2/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-875.295, test=-2964.395)
total time= 2.0s
[CV 3/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-793.917, test=-3258.402)
total time= 2.0s
[CV 5/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-852.607, test=-3425.370)
total time= 2.0s
[CV 3/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-147.842, test=-3290.517)
total time= 4.9s
[CV 1/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

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[CV 1/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-8.055, test=-3032.016)
total time= 9.8s

[CV 4/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 4/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-8.718, test=-3369.560)
total time= 9.9s

[CV 2/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 2/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.050, test=-3098.718)
total time= 19.7s

[CV 5/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 5/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.003, test=-3479.710)
total time= 24.8s

[CV 5/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-2.783, test=-3333.978)
total time= 30.2s

[CV 3/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 3/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-84.534, test=-3306.383)
total time= 15.1s

[CV 1/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 1/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2151.189, test=-2521.194)
total time= 0.6s

[CV 2/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 2/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2216.427, test=-2513.654)
total time= 0.6s

[CV 3/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 3/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2116.199, test=-2914.643)
total time= 0.6s

[CV 4/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 4/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2109.463, test=-2770.783)
total time= 0.6s

[CV 1/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 1/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1818.360, test=-2620.267)
total time= 1.2s

[CV 3/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 3/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1821.683, test=-3017.340)
total time= 1.2s

[CV 1/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 1/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1164.974, test=-2709.599)
total time= 3.0s

[CV 4/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 4/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1155.695, test=-3105.452)
total time= 3.0s

[CV 2/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 2/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-568.530, test=-3058.090)
total time= 6.0s

[CV 5/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 5/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-539.561, test=-3252.702)
total time= 6.0s

[CV 1/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 1/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-98.331, test=-2917.102)
total time= 15.0s

[CV 4/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 4/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-4.419, test=-3263.527)
total time= 30.0s

[CV 2/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 2/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-84.325, test=-3087.689)
total time= 15.1s

[CV 5/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 5/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-4.495, test=-3295.505)
total time= 30.3s

[CV 3/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 3/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-84.534, test=-3305.963)
total time= 15.1s
[CV 1/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 1/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-1420.838, test=-2796.685)
total time= 1.0s
[CV 2/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 2/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-1468.064, test=-2836.917)
total time= 1.0s
[CV 4/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 4/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-1382.175, test=-3215.748)
total time= 1.0s
[CV 1/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 1/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-772.093, test=-2950.636)
total time= 2.0s
[CV 4/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 4/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-852.970, test=-3396.557)
total time= 2.0s
[CV 2/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 2/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-152.895, test=-3056.060)
total time= 4.9s
[CV 5/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 5/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-147.082, test=-3611.051)
total time= 4.9s
[CV 3/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 3/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-8.888, test=-3458.674)
total time= 9.8s
[CV 5/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 5/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-0.036, test=-3699.696)
total time= 19.6s
[CV 3/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3449.180)
total time= 49.0s
[CV 5/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.038, test=-3562.596)
total time= 19.6s
[CV 3/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3310.195)
total time= 49.1s[CV 5/5; 1779/2352] START learning_rate=0.75, max_depth=3,
min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 5/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2081.244, test=-2851.712)
total time= 0.6s
[CV 2/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1876.766, test=-2718.813)
total time= 1.2s
[CV 5/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1784.602, test=-2984.931)
total time= 1.2s
[CV 3/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1181.156, test=-3211.184)
total time= 3.0s
[CV 1/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-574.533, test=-2855.228)
total time= 6.0s
[CV 4/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-597.255, test=-3226.757)
total time= 6.0s
[CV 5/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

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[CV 5/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-154.370, test=-3291.388)
total time= 12.1s

[CV 3/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 3/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-4.543, test=-3304.259)
total time= 30.1s

[CV 4/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 4/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-161.100, test=-3274.390)
total time= 12.0s

[CV 2/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 2/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-4.655, test=-3080.018)
total time= 30.1s

[CV 4/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 4/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-9.374, test=-3463.841)
total time= 9.8s

[CV 2/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 2/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.003, test=-3022.749)
total time= 24.4s

[CV 5/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 5/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3604.059)
total time= 48.8s

[CV 3/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 3/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.004, test=-3343.343)
total time= 24.4s

[CV 1/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

[CV 1/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1483.916, test=-2998.841)
total time= 1.0s

[CV 2/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

[CV 2/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1610.275, test=-2689.802)
total time= 1.0s


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[CV 3/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1545.661, test=-3077.725)
total time= 1.0s
[CV 4/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1432.179, test=-3191.276)
total time= 1.0s
[CV 1/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-898.143, test=-3110.616)
total time= 2.0s
[CV 3/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-967.669, test=-3258.809)
total time= 2.0s
[CV 5/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-887.529, test=-3294.162)
total time= 1.9s
[CV 3/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-230.160, test=-3213.872)
total time= 4.9s
[CV 1/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-18.514, test=-3180.309)
total time= 9.8s
[CV 4/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-18.038, test=-3412.354)
total time= 9.7s
[CV 2/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.133, test=-2998.330)
total time= 19.6s
[CV 5/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250;; score=(train=-0.016, test=-3383.589)
total time= 24.5s
[CV 5/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-927.054, test=-3466.964)
total time= 1.9s
[CV 3/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-282.510, test=-3370.869)
total time= 4.9s
[CV 3/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-153.222, test=-3293.186)
total time= 12.1s
[CV 1/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-6.115, test=-2896.065)
total time= 30.3s
[CV 2/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-155.348, test=-3084.166)
total time= 11.4s
[CV 5/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-83.688, test=-3284.493)
total time= 15.2s
[CV 2/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1876.766, test=-2710.932)
total time= 1.2s
[CV 5/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1784.602, test=-2984.931)
total time= 1.2s
[CV 3/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1181.156, test=-3207.100)
total time= 3.1s
[CV 1/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100
[CV 1/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-574.533, test=-2851.108)
total time= 6.1s
[CV 4/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-597.255, test=-3219.042)
total time= 6.1s
[CV 5/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-154.370, test=-3279.092)
total time= 12.1s
[CV 3/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-4.543, test=-3321.585)
total time= 30.2s
[CV 1/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.034, test=-3030.520)
total time= 19.6s
[CV 4/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.003, test=-3483.081)
total time= 24.5s
[CV 4/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-786.128, test=-3332.403)
total time= 2.0s
[CV 2/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-169.107, test=-3093.795)
total time= 4.9s
[CV 5/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-165.209, test=-3540.265)
total time= 4.9s
[CV 3/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-10.051, test=-3349.946)

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total time= 9.8s
[CV 1/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.034, test=-3118.763)
total time= 19.6s
[CV 4/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.002, test=-3303.425)
total time= 24.6s
[CV 5/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1492.602, test=-3237.757)
total time= 1.0s
[CV 2/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-898.309, test=-2932.461)
total time= 2.0s
[CV 4/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-895.190, test=-3256.167)
total time= 2.0s
[CV 1/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-217.499, test=-3204.610)
total time= 4.9s
[CV 4/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-217.925, test=-3427.648)
total time= 4.9s
[CV 2/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-16.862, test=-3009.374)
total time= 9.8s
[CV 5/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-14.979, test=-3482.420)
total time= 9.7s
[CV 1/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

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[CV 1/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.021, test=-3189.656)
total time= 24.5s

[CV 4/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 4/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3413.357)
total time= 49.0s

[CV 3/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 3/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-590.291, test=-3283.845)
total time= 6.0s

[CV 1/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 1/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-177.723, test=-2901.403)
total time= 12.0s

[CV 4/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 4/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-88.103, test=-3261.961)
total time= 15.0s

[CV 3/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 3/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1446.469, test=-3101.739)
total time= 1.0s

[CV 5/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 5/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1381.695, test=-3379.606)
total time= 1.0s

[CV 2/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 2/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-856.399, test=-3018.657)
total time= 2.0s

[CV 5/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 5/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-799.541, test=-3547.528)
total time= 2.0s

[CV 3/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 3/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-139.659, test=-3480.272)
total time= 4.9s

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[CV 1/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-7.824, test=-3058.697)
total time= 9.7s
[CV 2/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.042, test=-3026.730)
total time= 19.5s
[CV 5/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.002, test=-3624.223)
total time= 24.5s
[CV 1/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-154.349, test=-3041.330)
total time= 4.9s
[CV 4/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-144.351, test=-3335.250)
total time= 4.9s
[CV 2/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-12.107, test=-3120.946)
total time= 9.9s
[CV 5/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-9.855, test=-3536.417)
total time= 9.8s
[CV 1/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.002, test=-3094.384)
total time= 24.6s
[CV 4/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3379.633)
total time= 49.0s
[CV 2/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250;; score=(train=-0.012, test=-3077.194)
total time= 24.4s
[CV 5/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3471.240)
total time= 48.9s
[CV 3/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.106, test=-3364.614)
total time= 24.6s
[CV 1/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1553.243, test=-2827.035)
total time= 1.0s
[CV 2/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1551.153, test=-2836.051)
total time= 1.0s
[CV 3/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1506.266, test=-3132.762)
total time= 1.0s
[CV 5/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1478.768, test=-3012.215)
total time= 1.0s
[CV 2/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-964.697, test=-2923.210)
total time= 2.0s
[CV 4/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-962.044, test=-3164.957)
total time= 2.0s
[CV 2/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-232.584, test=-3056.231)
total time= 4.9s
[CV 5/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=50
[CV 5/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-206.648, test=-3343.361)
total time= 4.9s
[CV 3/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-132.970, test=-3380.947)
total time= 12.1s
[CV 1/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-3.096, test=-3121.588)
total time= 30.5s
[CV 2/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-146.879, test=-3163.211)
total time= 12.2s
[CV 5/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-61.940, test=-3334.306)
total time= 15.3s
[CV 5/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1784.602, test=-2984.931)
total time= 1.2s
[CV 3/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1181.156, test=-3220.819)
total time= 3.1s
[CV 1/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-574.533, test=-2861.293)
total time= 6.1s
[CV 4/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-597.255, test=-3227.255)
total time= 6.1s
[CV 5/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-154.370, test=-3296.779)

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total time= 12.2s
[CV 3/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-4.543, test=-3311.090)
total time= 30.4s
[CV 4/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-161.100, test=-3267.321)
total time= 12.1s
[CV 2/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-4.655, test=-3080.903)
total time= 30.0s
[CV 3/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-153.222, test=-3311.651)
total time= 12.1s
[CV 1/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-6.115, test=-2909.211)
total time= 30.2s
[CV 2/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-155.348, test=-3076.473)
total time= 12.1s
[CV 5/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-83.688, test=-3289.492)
total time= 15.1s
[CV 3/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-808.194, test=-3368.341)
total time= 2.0s
[CV 1/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-157.230, test=-2980.100)
total time= 4.9s
[CV 4/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

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[CV 4/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-180.977, test=-3450.118)
total time= 4.9s

[CV 2/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 2/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-10.754, test=-3064.142)
total time= 9.8s

[CV 4/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 4/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.039, test=-3426.769)
total time= 19.6s

[CV 1/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 1/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3010.442)
total time= 48.9s

[CV 3/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 3/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.053, test=-3370.967)
total time= 19.6s

[CV 1/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 1/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3084.754)
total time= 49.0s

[CV 4/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 4/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.168, test=-3372.625)
total time= 19.6s

[CV 2/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2993.647)
total time= 49.0s

[CV 3/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 3/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.784, test=-3376.343)
total time= 19.7s

[CV 1/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3133.820)
total time= 48.8s

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[CV 2/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.208, test=-3075.436)
total time= 19.4s
[CV 3/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1821.683, test=-3027.452)
total time= 1.2s
[CV 1/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1164.974, test=-2717.363)
total time= 3.0s
[CV 4/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1155.695, test=-3099.239)
total time= 3.0s
[CV 2/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-568.530, test=-3072.771)
total time= 6.0s
[CV 5/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-539.561, test=-3246.406)
total time= 6.0s
[CV 1/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-98.331, test=-2910.159)
total time= 15.2s
[CV 4/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-4.419, test=-3264.296)
total time= 30.1s
[CV 2/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-84.325, test=-3084.454)
total time= 15.0s
[CV 5/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500;; score=(train=-4.495, test=-3290.437)
total time= 30.2s
[CV 1/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.002, test=-2971.005)
total time= 24.4s
[CV 4/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3482.943)
total time= 49.0s
[CV 2/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.004, test=-3046.060)
total time= 24.7s
[CV 5/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3575.017)
total time= 48.7s
[CV 3/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.014, test=-3225.740)
total time= 24.4s
[CV 1/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1558.665, test=-2800.983)
total time= 1.0s
[CV 3/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1736.556, test=-2998.858)
total time= 1.0s
[CV 5/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1480.413, test=-3244.659)
total time= 1.0s
[CV 2/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-950.847, test=-2930.082)
total time= 1.9s
[CV 4/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=20
[CV 4/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1016.046, test=-3200.871)
total time= 1.9s
[CV 2/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-279.317, test=-2932.247)
total time= 4.8s
[CV 4/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-241.132, test=-3161.175)
total time= 4.8s
[CV 2/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-38.015, test=-2975.834)
total time= 9.7s
[CV 5/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-20.658, test=-3367.620)
total time= 9.7s
[CV 1/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.051, test=-3137.960)
total time= 24.3s
[CV 4/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3219.414)
total time= 48.7s
[CV 2/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.021, test=-3042.329)
total time= 24.2s
[CV 5/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3187.913)
total time= 48.5s
[CV 3/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.030, test=-3383.235)

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total time= 24.2s
[CV 2/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-189.564, test=-3019.500)
total time= 4.9s
[CV 5/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-214.330, test=-3387.453)
total time= 4.9s
[CV 3/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-20.859, test=-3229.985)
total time= 9.9s
[CV 1/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.171, test=-3175.969)
total time= 19.6s
[CV 4/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.016, test=-3451.883)
total time= 24.6s
[CV 2/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1613.477, test=-2795.733)
total time= 1.0s
[CV 4/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1490.657, test=-3158.765)
total time= 1.0s
[CV 1/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1018.639, test=-2960.414)
total time= 2.0s
[CV 3/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-997.741, test=-3312.170)
total time= 2.0s
[CV 1/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 1/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-279.874, test=-3132.023)
total time= 4.9s

[CV 5/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 5/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-225.873, test=-3372.685)
total time= 4.9s

[CV 3/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 3/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-42.323, test=-3383.360)
total time= 9.8s

[CV 1/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 1/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.440, test=-3135.939)
total time= 19.6s

[CV 4/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.049, test=-3254.208)
total time= 24.4s

[CV 4/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 4/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1522.511, test=-2959.896)
total time= 1.0s

[CV 1/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 1/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-931.520, test=-2793.048)
total time= 1.9s

[CV 3/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 3/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-861.759, test=-3314.283)
total time= 1.9s

[CV 1/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 1/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-221.520, test=-2872.744)
total time= 4.8s

[CV 4/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 4/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-188.324, test=-3254.891)
total time= 4.9s

[CV 2/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100

[CV 2/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-21.765, test=-3029.307) total time= 9.7s

[CV 5/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100

[CV 5/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-22.219, test=-3146.398) total time= 9.7s

[CV 1/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250

[CV 1/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-0.026, test=-3004.610) total time= 24.3s

[CV 4/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500

[CV 4/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3265.451) total time= 48.6s

[CV 2/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250

[CV 2/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-0.021, test=-3025.989) total time= 24.2s

[CV 5/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500

[CV 5/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3309.107) total time= 48.5s

[CV 3/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250

[CV 3/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-0.030, test=-3362.409) total time= 24.2s

[CV 1/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10

[CV 1/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-1677.870, test=-2674.858) total time= 1.0s

[CV 2/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10

[CV 2/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-1645.778, test=-2645.004) total time= 1.0s

[CV 3/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10

[CV 3/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,


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min_samples_split=2, n_estimators=100;; score=(train=-22.396, test=-3363.061)
total time= 9.8s
[CV 1/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.277, test=-2872.920)
total time= 19.6s
[CV 4/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.027, test=-3265.084)
total time= 24.5s
[CV 4/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1522.511, test=-2948.794)
total time= 1.0s
[CV 1/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-931.520, test=-2789.726)
total time= 2.0s
[CV 3/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-861.759, test=-3306.191)
total time= 2.0s
[CV 1/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-221.520, test=-2853.063)
total time= 4.9s
[CV 4/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-188.324, test=-3260.071)
total time= 4.9s
[CV 2/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-21.765, test=-3024.207)
total time= 9.8s
[CV 1/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.277, test=-2854.633)
total time= 19.5s
[CV 4/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250
[CV 4/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.027, test=-3254.565)
total time= 24.4s
[CV 4/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1522.511, test=-2952.538)
total time= 1.0s
[CV 5/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1455.720, test=-3026.532)
total time= 1.0s
[CV 2/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-964.697, test=-2919.008)
total time= 2.0s
[CV 4/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-962.044, test=-3149.215)
total time= 2.0s
[CV 2/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-198.636, test=-3015.372)
total time= 4.9s
[CV 5/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-216.282, test=-3129.761)
total time= 4.9s
[CV 3/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-22.396, test=-3383.455)
total time= 9.7s
[CV 1/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.277, test=-2837.440)
total time= 19.6s
[CV 4/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.027, test=-3247.130)

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total time= 24.4s
[CV 4/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1505.474, test=-3016.441)
total time= 1.0s
[CV 1/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1046.942, test=-2912.343)
total time= 1.9s
[CV 4/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1024.468, test=-3152.326)
total time= 2.0s
[CV 2/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-335.799, test=-2977.309)
total time= 4.9s
[CV 5/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-222.211, test=-3220.135)
total time= 4.8s
[CV 3/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-44.496, test=-3215.982)
total time= 9.7s
[CV 5/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-39.290, test=-3267.357)
total time= 9.7s
[CV 1/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.104, test=-2976.974)
total time= 24.2s
[CV 4/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3344.502)
total time= 48.4s
[CV 2/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 2/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.078, test=-2938.940)
total time= 24.4s

[CV 5/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 5/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3473.286)
total time= 48.9s

[CV 3/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 3/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.030, test=-3389.506)
total time= 24.3s

[CV 1/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 1/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1518.766, test=-2666.964)
total time= 1.0s

[CV 2/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 2/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1549.470, test=-2813.914)
total time= 1.0s

[CV 3/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 3/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1506.266, test=-3150.814)
total time= 1.0s

[CV 5/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 5/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1478.768, test=-3008.832)
total time= 1.0s

[CV 2/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 2/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-964.697, test=-2906.884)
total time= 2.0s

[CV 4/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 4/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-962.044, test=-3154.160)
total time= 2.0s

[CV 2/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 2/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-198.636, test=-3053.784)
total time= 4.9s

[CV 5/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 5/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-235.240, test=-3423.222)
total time= 4.9s

[CV 3/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 3/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-22.396, test=-3413.443)
total time= 9.7s

[CV 5/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 5/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-20.729, test=-3230.052)
total time= 9.7s

[CV 1/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 1/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-0.030, test=-2857.507)
total time= 24.3s

[CV 4/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 4/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3245.655)
total time= 48.5s

[CV 2/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 2/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-0.021, test=-3027.350)
total time= 24.2s

[CV 5/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 5/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3077.456)
total time= 48.5s

[CV 3/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 3/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-0.125, test=-3227.635)
total time= 24.3s

[CV 1/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 1/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10;; score=(train=-1662.864, test=-2739.077)
total time= 1.0s

[CV 2/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 2/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10;; score=(train=-1718.660, test=-2569.362)
total time= 1.0s
[CV 3/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1713.474, test=-2825.149)
total time= 1.0s
[CV 5/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1647.188, test=-3100.664)
total time= 1.0s
[CV 2/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1078.340, test=-2742.292)
total time= 1.9s
[CV 5/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1149.046, test=-3238.180)
total time= 2.0s
[CV 3/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-324.192, test=-3090.968)
total time= 4.8s
[CV 1/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-46.678, test=-2963.284)
total time= 9.7s
[CV 4/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-78.538, test=-3385.374)
total time= 9.7s
[CV 5/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1.515, test=-3309.156)
total time= 19.3s
[CV 3/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1518.766, test=-2676.715)

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total time= 1.0s
[CV 2/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1549.470, test=-2805.978)
total time= 1.0s
[CV 3/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1506.266, test=-3128.642)
total time= 1.0s
[CV 1/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-931.520, test=-2768.892)
total time= 1.9s
[CV 3/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-861.759, test=-3297.926)
total time= 1.9s
[CV 1/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-220.809, test=-2986.519)
total time= 4.9s
[CV 4/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-188.324, test=-3253.502)
total time= 4.8s
[CV 2/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-21.765, test=-3046.162)
total time= 9.7s
[CV 5/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-22.219, test=-3183.228)
total time= 9.7s
[CV 1/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.030, test=-2847.475)
total time= 24.1s
[CV 4/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

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[CV 4/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3267.736)
total time= 48.4s

[CV 2/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 2/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.108, test=-2984.755)
total time= 24.2s

[CV 5/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 5/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3342.394)
total time= 48.6s

[CV 3/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 3/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.316, test=-3295.853)
total time= 24.1s

[CV 1/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 1/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1662.864, test=-2733.339)
total time= 1.0s

[CV 2/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 2/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1718.660, test=-2547.601)
total time= 1.0s

[CV 3/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 3/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1713.474, test=-2833.446)
total time= 1.0s

[CV 5/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 5/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1584.151, test=-3096.176)
total time= 1.0s

[CV 2/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 2/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1078.340, test=-2769.066)
total time= 1.9s

[CV 4/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 4/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1060.591, test=-3153.288)
total time= 1.9s

[CV 2/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-300.540, test=-2890.399)
total time= 4.8s

[CV 5/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 5/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-313.665, test=-3358.773)
total time= 4.8s

[CV 3/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 3/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-54.553, test=-3280.970)
total time= 9.6s

[CV 1/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 1/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1.534, test=-2969.863)
total time= 19.3s

[CV 4/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 4/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-0.475, test=-3379.154)
total time= 24.1s

[CV 3/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 3/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-1687.047, test=-2980.806)
total time= 1.0s

[CV 5/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 5/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-1584.151, test=-3100.950)
total time= 1.0s

[CV 2/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 2/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-1078.340, test=-2762.031)
total time= 1.9s

[CV 5/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 1/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 1/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-30.102, test=-3111.307)
total time= 9.8s

[CV 4/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100
[CV 4/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-25.686, test=-3223.309)
total time= 9.8s
[CV 4/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.422, test=-3208.322)
total time= 19.6s
[CV 2/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2970.510)
total time= 48.9s
[CV 4/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.244, test=-3255.252)
total time= 19.5s
[CV 2/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3022.202)
total time= 48.5s
[CV 3/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.261, test=-3387.185)
total time= 19.3s
[CV 1/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2873.159)
total time= 48.4s
[CV 2/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.199, test=-3026.299)
total time= 19.3s
[CV 5/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.032, test=-3084.938)
total time= 24.2s
[CV 3/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1092.995, test=-3177.401)

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total time= 2.0s
[CV 1/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-324.684, test=-2934.198)
total time= 4.9s
[CV 4/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-281.375, test=-3309.124)
total time= 4.9s
[CV 2/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-43.344, test=-2985.353)
total time= 9.8s
[CV 1/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.762, test=-3078.973)
total time= 19.5s
[CV 4/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.141, test=-3323.687)
total time= 24.4s
[CV 4/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1663.051, test=-3000.642)
total time= 1.0s
[CV 1/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1103.413, test=-2873.033)
total time= 1.9s
[CV 3/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1173.830, test=-3013.921)
total time= 2.0s
[CV 1/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-315.068, test=-2956.384)
total time= 4.8s
[CV 4/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

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[CV 4/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-367.835, test=-3324.098)
total time= 4.8s

[CV 2/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 2/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-45.756, test=-2867.827)
total time= 9.7s

[CV 5/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 5/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-51.662, test=-3356.326)
total time= 9.6s

[CV 1/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 1/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.241, test=-2983.834)
total time= 24.2s

[CV 4/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 4/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3375.926)
total time= 48.4s

[CV 2/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 2/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.353, test=-2878.509)
total time= 24.1s

[CV 5/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 5/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3387.901)
total time= 48.6s

[CV 3/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 3/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.234, test=-3143.355)
total time= 24.1s

[CV 1/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 5/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 5/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.182, test=-3381.447)
total time= 19.7s

[CV 3/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 3/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3218.491)
total time= 48.6s
[CV 5/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.536, test=-3336.870)
total time= 19.6s
[CV 3/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3363.212)
total time= 48.6s
[CV 3/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.261, test=-3398.820)
total time= 19.3s
[CV 1/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2843.026)
total time= 48.7s
[CV 2/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.199, test=-3030.609)
total time= 19.3s
[CV 5/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.025, test=-3161.212)
total time= 24.2s
[CV 5/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-813.137, test=-3102.694)
total time= 1.9s
[CV 3/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-254.578, test=-3374.727)
total time= 4.9s
[CV 1/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-23.163, test=-2846.785)
total time= 9.6s
[CV 4/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 4/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-24.413, test=-3250.320)
total time= 9.7s
[CV 5/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.424, test=-3129.580)
total time= 19.4s
[CV 3/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3385.538)
total time= 48.4s
[CV 4/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.925, test=-3328.330)
total time= 19.4s
[CV 2/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2964.999)
total time= 48.6s
[CV 3/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1.632, test=-3257.292)
total time= 19.3s
[CV 1/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2976.789)
total time= 48.3s
[CV 2/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1.592, test=-2868.654)
total time= 19.2s
[CV 5/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.291, test=-3288.723)
total time= 24.1s
[CV 4/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1060.591, test=-3147.629)

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total time= 2.0s
[CV 2/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-300.540, test=-2872.288)
total time= 4.8s
[CV 5/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-313.665, test=-3344.554)
total time= 5.0s
[CV 3/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-52.695, test=-3258.286)
total time= 9.7s
[CV 1/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1.534, test=-2986.204)
total time= 19.2s
[CV 4/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.475, test=-3380.205)
total time= 24.1s
[CV 2/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1718.660, test=-2559.796)
total time= 1.0s
[CV 4/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1663.051, test=-3009.106)
total time= 1.0s
[CV 1/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.025, test=-3152.133)
total time= 24.3s
[CV 5/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-956.398, test=-3122.349)
total time= 1.9s

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[CV 3/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 3/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-254.578, test=-3365.490)
total time= 4.8s

[CV 1/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 1/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-16.139, test=-3087.242)
total time= 9.6s

[CV 4/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 4/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-24.413, test=-3285.907)
total time= 9.7s

[CV 5/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 5/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-0.277, test=-3086.166)
total time= 19.3s

[CV 3/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 3/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3407.818)
total time= 48.1s

[CV 3/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 3/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-0.261, test=-3384.276)
total time= 19.3s

[CV 1/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2874.264)
total time= 48.6s

[CV 2/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 2/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-0.758, test=-2964.615)
total time= 19.4s

[CV 5/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 5/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-0.116, test=-3281.138)
total time= 24.4s

[CV 4/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 4/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,


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min_samples_split=2, n_estimators=20;; score=(train=-1060.591, test=-3139.484)
total time= 1.9s
[CV 2/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-300.540, test=-2885.087)
total time= 4.8s
[CV 5/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-290.367, test=-3392.497)
total time= 4.8s
[CV 3/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-54.553, test=-3297.497)
total time= 9.7s
[CV 1/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1.534, test=-2961.640)
total time= 19.3s
[CV 4/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.475, test=-3363.636)
total time= 24.3s
[CV 4/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1663.051, test=-3000.642)
total time= 1.0s
[CV 1/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1103.413, test=-2878.197)
total time= 1.9s
[CV 3/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1109.348, test=-3175.141)
total time= 1.9s
[CV 1/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-315.068, test=-2956.791)
total time= 4.8s
[CV 4/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 4/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-367.835, test=-3332.852)
total time= 4.8s
[CV 2/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-45.756, test=-2886.480)
total time= 9.6s
[CV 5/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-51.662, test=-3364.424)
total time= 9.6s
[CV 1/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.241, test=-2980.675)
total time= 24.1s
[CV 4/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3380.047)
total time= 48.6s
[CV 2/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.353, test=-2868.796)
total time= 24.3s
[CV 5/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3300.419)
total time= 40.0s
[CV 4/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.032, test=-3389.519)
total time= 19.7s
[CV 2/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3076.214)
total time= 48.2s
[CV 3/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.145, test=-3261.455)

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total time= 19.6s
[CV 1/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3166.150)
total time= 48.8s
[CV 2/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.545, test=-2940.064)
total time= 19.5s
[CV 5/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.058, test=-3363.246)
total time= 24.4s
[CV 5/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-813.250, test=-3107.328)
total time= 1.9s
[CV 3/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-254.578, test=-3372.685)
total time= 4.8s
[CV 1/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-23.163, test=-2864.303)
total time= 9.7s
[CV 4/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-24.413, test=-3248.260)
total time= 9.8s
[CV 5/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.288, test=-3153.411)
total time= 19.4s
[CV 3/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3377.033)
total time= 48.6s
[CV 4/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 4/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-0.244, test=-3272.596)
total time= 19.5s

[CV 2/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500

[CV 2/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3025.128)
total time= 48.5s

[CV 4/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200

[CV 4/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-0.244, test=-3240.566)
total time= 19.4s

[CV 2/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500

[CV 2/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3029.441)
total time= 48.5s

[CV 3/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200

[CV 3/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-0.998, test=-3236.631)
total time= 19.4s

[CV 1/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500

[CV 1/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2986.010)
total time= 48.8s

[CV 2/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200

[CV 2/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1.592, test=-2873.582)
total time= 19.4s

[CV 5/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250

[CV 5/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-0.321, test=-3356.928)
total time= 24.5s

[CV 5/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20

[CV 5/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-1149.046, test=-3244.701)
total time= 2.0s

[CV 3/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50

[CV 3/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-324.192, test=-3114.919)
total time= 4.9s

[CV 1/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 1/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-46.678, test=-2980.398)
total time= 9.7s

[CV 4/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 4/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-78.538, test=-3367.523)
total time= 9.8s

[CV 5/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 5/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1.669, test=-3371.694)
total time= 19.5s

[CV 3/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 3/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3132.217)
total time= 48.5s

[CV 5/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 5/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-1.577, test=-3395.461)
total time= 19.5s

[CV 3/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 3/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3141.029)
total time= 45.5s

[CV 5/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 5/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-1.669, test=-3374.030)
total time= 13.2s

[CV 3/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-1584.392, test=-2960.143)
total time= 1.0s

[CV 5/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 5/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-1549.841, test=-3051.078)
total time= 1.0s

[CV 2/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 2/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-1098.334, test=-2897.123)
total time= 2.0s

[CV 5/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 5/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-1025.040, test=-3237.993)
total time= 2.0s

[CV 3/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 3/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-320.643, test=-3178.605)
total time= 4.9s

[CV 1/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 1/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-36.589, test=-3005.047)
total time= 9.7s

[CV 4/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 4/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-37.896, test=-3306.293)
total time= 9.7s

[CV 5/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-0.649, test=-3237.663)
total time= 19.4s

[CV 3/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 3/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3242.961)
total time= 48.5s

[CV 4/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 4/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-2.361, test=-3371.519)
total time= 19.3s

[CV 2/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 2/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2886.071)
total time= 48.3s

[CV 3/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 3/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1.221, test=-3111.420)
total time= 19.2s

[CV 1/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 1/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2984.312)
total time= 48.2s
[CV 2/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1.592, test=-2870.190)
total time= 19.2s
[CV 5/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.321, test=-3359.929)
total time= 24.1s
[CV 3/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1173.830, test=-3056.646)
total time= 1.9s
[CV 1/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-315.068, test=-2966.133)
total time= 4.2s
[CV 4/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-367.835, test=-3326.601)
total time= 4.1s
[CV 2/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-45.756, test=-2864.996)
total time= 7.2s
[CV 5/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-51.184, test=-3291.632)
total time= 7.1s
[CV 1/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.241, test=-2974.698)
total time= 15.0s
[CV 4/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3390.180)
total time= 24.2s
[CV 2/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250
[CV 2/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.146, test=-3092.645)
total time= 12.0s
[CV 5/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3411.451)
total time= 24.1s
[CV 3/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.700, test=-3361.782)
total time= 12.0s
[CV 1/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1590.364, test=-2719.505)
total time= 0.5s
[CV 2/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1734.375, test=-2753.166)
total time= 0.5s
[CV 3/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1664.915, test=-2974.919)
total time= 0.5s
[CV 4/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1730.546, test=-2853.088)
total time= 0.5s
[CV 2/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.353, test=-2875.960)
total time= 24.1s
[CV 5/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3302.083)
total time= 48.1s
[CV 3/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.234, test=-3125.387)

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total time= 23.9s
[CV 1/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1662.864, test=-2733.940)
total time= 1.0s
[CV 2/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1718.660, test=-2568.503)
total time= 1.0s
[CV 4/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1663.051, test=-2996.892)
total time= 1.0s
[CV 1/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1103.413, test=-2864.565)
total time= 1.9s
[CV 3/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1173.830, test=-3058.074)
total time= 1.9s
[CV 1/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-315.068, test=-2954.133)
total time= 4.8s
[CV 4/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-367.835, test=-3308.153)
total time= 4.8s
[CV 2/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-45.756, test=-2854.206)
total time= 9.6s
[CV 5/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-55.853, test=-3385.882)
total time= 9.6s
[CV 1/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 1/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.241, test=-2991.237)
total time= 24.2s

[CV 4/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 4/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3378.898)
total time= 43.1s

[CV 2/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 2/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.353, test=-2864.899)
total time= 14.5s

[CV 5/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 5/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3386.539)
total time= 24.3s

[CV 4/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 4/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.771, test=-3196.127)
total time= 12.1s

[CV 3/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 3/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1664.915, test=-2974.264)
total time= 0.5s

[CV 1/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 1/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1045.302, test=-2853.032)
total time= 1.0s

[CV 4/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 4/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1115.570, test=-3002.572)
total time= 1.0s

[CV 2/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 2/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-432.764, test=-2947.190)
total time= 2.4s

[CV 5/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 5/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-369.764, test=-3368.428)
total time= 2.4s

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[CV 3/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-65.395, test=-3352.325)
total time= 4.8s
[CV 1/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-4.333, test=-2916.855)
total time= 9.6s
[CV 4/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.630, test=-3226.697)
total time= 12.0s
[CV 2/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1171.477, test=-2880.041)
total time= 1.0s
[CV 5/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1065.725, test=-3253.030)
total time= 1.0s
[CV 3/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-350.949, test=-3366.710)
total time= 2.4s
[CV 1/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1662.864, test=-2733.940)
total time= 1.0s
[CV 3/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1713.474, test=-2830.501)
total time= 1.0s
[CV 5/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1647.188, test=-3105.517)
total time= 1.0s
[CV 2/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20;; score=(train=-1078.340, test=-2749.112)
total time= 1.9s
[CV 5/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1149.046, test=-3228.303)
total time= 1.6s
[CV 2/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-300.540, test=-2884.744)
total time= 3.4s
[CV 5/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-356.215, test=-3345.109)
total time= 4.1s
[CV 3/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-51.833, test=-3103.795)
total time= 8.2s
[CV 1/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.534, test=-2978.073)
total time= 13.4s
[CV 3/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.234, test=-3115.489)
total time= 14.5s
[CV 4/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1665.898, test=-2879.695)
total time= 0.5s
[CV 1/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1045.302, test=-2853.691)
total time= 1.0s
[CV 3/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1101.892, test=-3204.303)
total time= 1.0s
[CV 1/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 1/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-383.774, test=-2887.340)
total time= 2.4s
[CV 4/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-415.846, test=-3147.505)
total time= 2.4s
[CV 2/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-77.972, test=-2972.522)
total time= 4.8s
[CV 5/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-81.593, test=-3377.478)
total time= 4.8s
[CV 1/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.280, test=-2914.988)
total time= 12.1s
[CV 4/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3138.882)
total time= 24.1s
[CV 2/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.738, test=-2978.272)
total time= 12.0s
[CV 5/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3372.663)
total time= 24.1s
[CV 3/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.700, test=-3359.692)
total time= 12.0s
[CV 1/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1590.742, test=-2712.496)

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total time= 0.5s
[CV 3/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1664.915, test=-2969.809)
total time= 0.5s
[CV 5/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1549.314, test=-3084.843)
total time= 0.5s
[CV 2/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1171.477, test=-2868.206)
total time= 1.0s
[CV 4/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1044.250, test=-2966.405)
total time= 1.0s
[CV 2/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-432.764, test=-2945.658)
total time= 2.4s
[CV 5/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1103.413, test=-2877.872)
total time= 1.9s
[CV 4/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1060.591, test=-3132.127)
total time= 1.9s
[CV 3/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-324.192, test=-3092.828)
total time= 4.0s
[CV 1/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-46.678, test=-2976.051)
total time= 7.4s
[CV 4/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

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[CV 4/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-78.538, test=-3382.092)
total time= 8.2s

[CV 4/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2.361, test=-3390.571)
total time= 12.9s

[CV 2/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2876.822)
total time= 24.8s

[CV 3/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-3.399, test=-3363.034)
total time= 9.6s

[CV 1/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.005, test=-2916.143)
total time= 24.2s

[CV 2/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-3.510, test=-2997.039)
total time= 9.6s

[CV 5/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 5/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.240, test=-3415.752)
total time= 12.1s

[CV 4/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 4/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1106.924, test=-3017.017)
total time= 1.0s

[CV 2/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 2/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-432.764, test=-2972.363)
total time= 2.4s

[CV 5/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 5/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-369.764, test=-3370.136)
total time= 2.4s

[CV 3/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 3/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-73.104, test=-3388.879)
total time= 4.8s

[CV 1/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 1/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-4.333, test=-2921.885)
total time= 9.6s

[CV 4/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 4/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-0.862, test=-3148.819)
total time= 12.1s

[CV 2/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 2/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1734.375, test=-2751.493)
total time= 0.5s

[CV 4/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1730.684, test=-2834.164)
total time= 0.5s

[CV 1/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1045.302, test=-2849.100)
total time= 1.0s

[CV 3/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1090.317, test=-3213.616)
total time= 1.0s

[CV 1/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-336.009, test=-3022.510)
total time= 2.4s

[CV 4/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 4/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-379.841, test=-3133.307)
total time= 2.4s

[CV 2/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 2/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,


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min_samples_split=15, n_estimators=100;; score=(train=-77.972, test=-2958.933)
total time= 4.8s
[CV 5/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-81.593, test=-3382.611)
total time= 4.8s
[CV 1/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.280, test=-2912.401)
total time= 12.1s
[CV 4/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3221.198)
total time= 24.1s
[CV 4/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3320.682)
total time= 15.0s
[CV 2/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1149.046, test=-3229.989)
total time= 1.9s
[CV 3/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-324.192, test=-3072.729)
total time= 4.8s
[CV 1/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-46.678, test=-2978.893)
total time= 9.4s
[CV 4/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-78.538, test=-3381.989)
total time= 9.6s
[CV 4/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2.361, test=-3380.687)
total time= 19.5s
[CV 2/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500
[CV 2/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2881.175)
total time= 43.7s
[CV 2/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.592, test=-2849.691)
total time= 13.4s
[CV 1/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2975.392)
total time= 24.4s
[CV 2/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-3.510, test=-2972.548)
total time= 9.7s
[CV 5/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.240, test=-3380.951)
total time= 12.1s
[CV 5/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1549.314, test=-3073.860)
total time= 0.5s
[CV 3/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1101.892, test=-3208.114)
total time= 1.0s
[CV 1/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-383.774, test=-2895.290)
total time= 2.4s
[CV 4/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-352.879, test=-3140.910)
total time= 2.4s
[CV 2/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-77.972, test=-2960.527)

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total time= 4.8s
[CV 5/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-81.593, test=-3387.248)
total time= 4.8s
[CV 1/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.280, test=-2915.023)
total time= 12.1s
[CV 4/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3224.719)
total time= 24.3s
[CV 2/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.738, test=-2978.557)
total time= 12.2s
[CV 5/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3373.858)
total time= 24.5s
[CV 4/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.596, test=-3137.146)
total time= 12.2s
[CV 2/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-433.558, test=-3042.055)
total time= 0.8s
[CV 4/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-581.664, test=-3271.190)
total time= 0.8s
[CV 1/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-131.328, test=-3155.818)
total time= 1.5s
[CV 4/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 4/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-106.078, test=-3240.811)
total time= 1.5s

[CV 2/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 2/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-0.587, test=-3066.454)
total time= 3.8s

[CV 5/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 5/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-0.854, test=-3457.322)
total time= 3.8s

[CV 3/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 3/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3372.753)
total time= 7.6s

[CV 5/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 5/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3442.803)
total time= 15.2s

[CV 4/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.475, test=-3385.350)
total time= 12.8s

[CV 1/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 1/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1590.364, test=-2720.026)
total time= 0.5s

[CV 2/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 2/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1734.375, test=-2752.636)
total time= 0.5s

[CV 3/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 3/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1664.915, test=-2970.465)
total time= 0.5s

[CV 5/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 5/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1549.314, test=-3090.121)
total time= 0.5s

[CV 2/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 2/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1171.477, test=-2875.594)
total time= 1.0s

[CV 4/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 4/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1213.221, test=-2947.083)
total time= 1.0s

[CV 2/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 2/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-432.764, test=-2939.397)
total time= 2.4s

[CV 5/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 5/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-369.764, test=-3372.174)
total time= 2.4s

[CV 3/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 3/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-65.395, test=-3354.586)
total time= 4.8s

[CV 1/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 1/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-4.333, test=-2916.763)
total time= 9.7s

[CV 3/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 3/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.700, test=-3360.939)
total time= 12.1s

[CV 1/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 1/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1590.364, test=-2720.026)
total time= 0.5s

[CV 2/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 2/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1734.375, test=-2749.358)
total time= 0.5s

[CV 4/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 4/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1665.898, test=-2887.976)
total time= 0.5s

[CV 2/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 2/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-1171.477, test=-2868.805) total time= 1.0s
[CV 5/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 5/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-1065.725, test=-3248.144) total time= 1.0s
[CV 3/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 3/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50;; score=(train=-350.949, test=-3365.400) total time= 2.4s
[CV 1/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 1/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-85.045, test=-2903.781) total time= 4.8s
[CV 4/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 4/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-75.575, test=-3224.194) total time= 4.8s
[CV 5/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 5/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-4.816, test=-3396.797) total time= 9.7s
[CV 3/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 3/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3358.640) total time= 24.2s
[CV 5/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 5/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-4.816, test=-3370.510) total time= 9.7s
[CV 3/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 3/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3360.313) total time= 24.3s
[CV 5/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 5/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-4.816, test=-3399.412)
total time= 9.8s
[CV 3/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3402.038)
total time= 24.2s
[CV 1/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3152.827)
total time= 15.0s
[CV 4/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3313.719)
total time= 18.9s
[CV 4/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 1/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-85.045, test=-2916.474)
total time= 4.8s
[CV 4/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-75.575, test=-3216.036)
total time= 4.8s
[CV 2/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-3.510, test=-2963.283)
total time= 9.6s
[CV 5/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.240, test=-3379.264)
total time= 12.1s
[CV 5/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1065.725, test=-3266.927)
total time= 1.0s
[CV 3/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-350.949, test=-3367.937)
total time= 2.4s

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[CV 1/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 1/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-85.045, test=-2912.099)
total time= 4.8s

[CV 4/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 4/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-71.601, test=-3132.452)
total time= 4.8s

[CV 4/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 4/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-2.575, test=-3132.619)
total time= 9.7s

[CV 2/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 2/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-2965.646)
total time= 24.2s

[CV 5/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 5/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3391.190)
total time= 7.5s

[CV 3/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 3/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3410.677)
total time= 18.7s

[CV 1/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 1/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-452.557, test=-3161.271)
total time= 0.7s

[CV 2/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 2/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-503.039, test=-3042.885)
total time= 0.7s

[CV 3/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 3/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-594.048, test=-3265.417)
total time= 0.8s

[CV 4/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 4/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,


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min_samples_split=5, n_estimators=10;; score=(train=-737.877, test=-3116.792)
total time= 0.8s
[CV 5/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-411.394, test=-3377.322)
total time= 0.7s
[CV 1/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-69.114, test=-3152.489)
total time= 1.5s
[CV 2/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-93.676, test=-3114.324)
total time= 1.5s
[CV 3/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-97.838, test=-3304.295)
total time= 1.5s
[CV 5/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-111.317, test=-3265.827)
total time= 1.5s
[CV 3/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-0.854, test=-3275.831)
total time= 3.7s
[CV 1/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3286.999)
total time= 7.5s
[CV 4/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3097.030)
total time= 7.5s
[CV 2/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3115.128)
total time= 15.0s
[CV 5/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250
[CV 5/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3457.533)
total time= 18.8s
[CV 5/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-176.874, test=-3347.520)
total time= 1.5s
[CV 3/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-5.447, test=-3326.702)
total time= 3.8s
[CV 1/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.014, test=-3156.747)
total time= 7.5s
[CV 3/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3094.400)
total time= 24.8s
[CV 5/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-4.816, test=-3378.033)
total time= 9.7s
[CV 3/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3362.937)
total time= 24.2s
[CV 4/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2.628, test=-3221.670)
total time= 9.6s
[CV 2/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-2963.423)
total time= 24.1s
[CV 4/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2.575, test=-3146.602)

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total time= 9.6s
[CV 2/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-2970.796)
total time= 24.2s
[CV 3/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-3.661, test=-3398.872)
total time= 9.7s
[CV 1/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-3021.442)
total time= 24.2s
[CV 4/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3270.925)
total time= 7.5s
[CV 2/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3023.593)
total time= 18.8s
[CV 5/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3426.481)
total time= 39.3s
[CV 3/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3287.679)
total time= 19.4s
[CV 1/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-626.137, test=-3118.188)
total time= 0.7s
[CV 2/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-669.725, test=-3021.853)
total time= 0.7s
[CV 4/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

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[CV 4/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-680.353, test=-3236.421)
total time= 0.7s

[CV 1/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 1/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-195.618, test=-3121.850)
total time= 1.5s

[CV 3/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 3/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-210.276, test=-3345.711)
total time= 1.5s

[CV 1/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 1/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-8.322, test=-3193.756)
total time= 3.8s

[CV 4/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 4/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-3.122, test=-3215.110)
total time= 3.7s

[CV 2/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 2/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.013, test=-2980.960)
total time= 7.5s

[CV 1/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 1/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3160.035)
total time= 14.9s

[CV 3/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 3/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3333.477)
total time= 18.7s

[CV 1/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 1/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-635.897, test=-3070.099)
total time= 0.7s

[CV 2/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 2/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-860.467, test=-2902.372)
total time= 0.7s

[CV 3/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 3/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-731.048, test=-3148.805)
total time= 0.7s

[CV 5/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 5/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-808.384, test=-3283.657)
total time= 0.7s

[CV 2/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 2/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-276.510, test=-2864.270)
total time= 1.5s

[CV 5/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 3/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3281.790)
total time= 48.4s

[CV 4/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 4/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-2.361, test=-3367.076)
total time= 19.4s

[CV 2/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 2/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2877.927)
total time= 48.6s

[CV 3/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 3/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-1.221, test=-3151.661)
total time= 19.4s

[CV 1/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 1/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2969.963)
total time= 44.3s

[CV 3/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 3/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-1.221, test=-3091.094)
total time= 13.1s

[CV 5/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 5/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-0.291, test=-3296.900)
total time= 13.5s
[CV 5/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1065.725, test=-3272.230)
total time= 1.0s
[CV 3/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-350.949, test=-3361.411)
total time= 2.4s
[CV 1/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-69.554, test=-3032.047)
total time= 4.8s
[CV 4/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-71.601, test=-3136.982)
total time= 4.8s
[CV 4/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2.628, test=-3236.471)
total time= 9.6s
[CV 2/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-2955.977)
total time= 24.1s
[CV 3/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-3.661, test=-3398.908)
total time= 9.6s
[CV 1/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.005, test=-2920.024)
total time= 24.2s
[CV 3/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-3.399, test=-3358.703)
total time= 9.6s
[CV 1/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 1/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-2910.841)
total time= 24.3s
[CV 2/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-3.510, test=-2969.871)
total time= 9.7s
[CV 5/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.240, test=-3380.326)
total time= 12.1s
[CV 3/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-138.330, test=-3354.454)
total time= 1.5s
[CV 1/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-0.600, test=-3249.980)
total time= 3.7s
[CV 4/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-0.773, test=-3253.522)
total time= 3.8s
[CV 2/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3066.163)
total time= 7.5s
[CV 3/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3379.298)
total time= 15.0s
[CV 1/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3261.745)
total time= 38.8s
[CV 5/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3383.694)

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total time= 15.3s
[CV 1/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3231.010)
total time= 38.6s
[CV 4/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3175.962)
total time= 14.8s
[CV 2/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2989.206)
total time= 37.8s
[CV 5/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1549.314, test=-3101.215)
total time= 0.5s
[CV 1/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1045.302, test=-2851.654)
total time= 1.0s
[CV 3/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1101.892, test=-3205.488)
total time= 1.0s
[CV 1/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-383.774, test=-2886.815)
total time= 2.4s
[CV 4/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-352.879, test=-3141.041)
total time= 2.4s
[CV 2/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-77.972, test=-2996.393)
total time= 4.8s
[CV 5/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 5/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-81.593, test=-3394.359)
total time= 4.8s

[CV 1/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.280, test=-2929.098)
total time= 12.0s

[CV 4/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3227.085)
total time= 24.1s

[CV 2/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.738, test=-2977.960)
total time= 12.1s

[CV 5/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 5/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3370.593)
total time= 24.2s

[CV 1/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 1/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3261.080)
total time= 18.7s

[CV 4/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 4/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3208.943)
total time= 38.9s

[CV 2/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 2/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3140.565)
total time= 19.8s

[CV 5/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 5/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3268.781)
total time= 38.5s

[CV 4/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 4/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3156.536)
total time= 18.6s

[CV 4/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 4/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-766.356, test=-3232.051)
total time= 0.7s

[CV 1/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 1/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-232.473, test=-3114.200)
total time= 1.5s

[CV 3/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 3/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-232.134, test=-3226.246)
total time= 1.5s

[CV 1/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 1/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-11.505, test=-3031.513)
total time= 3.7s

[CV 5/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 5/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-13.870, test=-3401.375)
total time= 3.7s

[CV 3/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 3/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-0.077, test=-3217.642)
total time= 7.4s

[CV 1/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 1/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3065.776)
total time= 14.8s

[CV 3/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 3/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3248.289)
total time= 18.5s

[CV 1/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 1/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-771.018, test=-3165.301)
total time= 0.7s

[CV 2/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 2/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-718.528, test=-3152.590)
total time= 0.7s
[CV 3/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-684.000, test=-3246.709)
total time= 0.7s
[CV 5/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-583.801, test=-3172.679)
total time= 0.7s
[CV 2/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20[CV 4/5; 1913/2352] END learning_rate=0.75,
max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;;
score=(train=-113.304, test=-3071.283) total time= 1.5s
[CV 2/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1.292, test=-3164.733)
total time= 3.8s
[CV 5/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-0.929, test=-3400.969)
total time= 3.7s
[CV 3/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3228.989)
total time= 7.5s
[CV 1/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3125.386)
total time= 15.9s
[CV 4/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3145.047)
total time= 18.8s
[CV 3/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-757.499, test=-3269.125)
total time= 0.7s
[CV 5/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

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[CV 5/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-559.316, test=-3280.615)
total time= 0.7s
[CV 2/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-220.469, test=-2975.710)
total time= 1.5s
[CV 4/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-193.537, test=-3215.098)
total time= 1.5s
[CV 2/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-4.838, test=-2974.731)
total time= 3.7s
[CV 5/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-6.944, test=-3341.895)
total time= 3.7s
[CV 3/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.009, test=-3336.948)
total time= 7.4s
[CV 5/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.021, test=-3323.097)
total time= 7.7s
[CV 1/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3138.969)
total time= 18.6s
[CV 4/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3218.028)
total time= 37.9s
[CV 2/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-2875.780)
total time= 18.5s

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[CV 5/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3442.797)
total time= 37.5s
[CV 3/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3352.412)
total time= 18.4s
[CV 1/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-719.119, test=-3174.584)
total time= 0.7s
[CV 2/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-835.290, test=-3032.030)
total time= 0.7s
[CV 3/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-684.000, test=-3247.547)
total time= 0.7s
[CV 5/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-779.512, test=-3073.708)
total time= 0.8s
[CV 2/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-241.510, test=-3145.991)
total time= 1.5s
[CV 4/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-258.806, test=-3168.902)
total time= 1.5s
[CV 2/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-13.738, test=-3152.177)
total time= 3.7s
[CV 5/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-7.645, test=-3203.152)
total time= 3.6s
[CV 3/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.061, test=-3325.041)
total time= 7.3s
[CV 1/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3260.414)
total time= 14.7s
[CV 5/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-369.764, test=-3363.214)
total time= 2.4s
[CV 3/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-65.395, test=-3352.510)
total time= 4.8s
[CV 1/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-4.333, test=-2915.533)
total time= 9.7s
[CV 3/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.841, test=-3407.679)
total time= 12.1s
[CV 1/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-422.208, test=-3193.568)
total time= 0.7s
[CV 3/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-600.925, test=-3246.792)
total time= 0.8s
[CV 5/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-410.944, test=-3273.919)
total time= 0.7s
[CV 2/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20;; score=(train=-65.815, test=-2959.985)
total time= 1.5s
[CV 5/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-90.936, test=-3250.661)
total time= 1.5s
[CV 3/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1.790, test=-3395.390)
total time= 3.8s
[CV 1/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3201.170)
total time= 7.5s
[CV 2/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3064.767)
total time= 15.0s
[CV 5/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3299.791)
total time= 18.8s
[CV 1/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1.161, test=-3116.026)
total time= 3.7s
[CV 4/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1.044, test=-3090.230)
total time= 3.7s
[CV 2/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3106.560)
total time= 7.5s
[CV 5/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3366.353)
total time= 7.5s
[CV 4/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200
[CV 4/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3113.728)
total time= 15.6s
[CV 2/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3066.842)
total time= 37.9s
[CV 3/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3367.994)
total time= 14.9s
[CV 1/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3087.565)
total time= 38.0s
[CV 3/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3262.896)
total time= 14.8s
[CV 1/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3069.183)
total time= 37.8s
[CV 3/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3331.943)
total time= 14.6s
[CV 1/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3122.958)
total time= 37.3s
[CV 3/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3350.516)
total time= 14.6s
[CV 1/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3213.148)

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total time= 36.8s
[CV 2/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3001.543)
total time= 14.7s
[CV 5/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3182.911)
total time= 18.2s
[CV 3/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3389.204)
total time= 39.1s
[CV 1/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3276.427)
total time= 20.3s
[CV 4/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3058.380)
total time= 38.4s
[CV 2/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-2989.600)
total time= 18.7s
[CV 5/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3339.609)
total time= 38.3s
[CV 4/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3300.846)
total time= 18.5s
[CV 4/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-867.249, test=-3067.716)
total time= 0.7s
[CV 1/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

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[CV 1/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-238.044, test=-3185.561)
total time= 1.5s

[CV 3/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 3/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-293.293, test=-3348.601)
total time= 1.5s

[CV 1/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 1/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-10.448, test=-3085.679)
total time= 3.7s

[CV 4/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 4/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-7.682, test=-3175.563)
total time= 3.6s

[CV 2/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 2/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.071, test=-3160.243)
total time= 7.4s

[CV 5/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 5/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.037, test=-3271.298)
total time= 7.3s

[CV 1/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 1/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3133.320)
total time= 18.3s

[CV 4/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 4/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3147.887)
total time= 37.3s

[CV 2/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 2/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3193.338)
total time= 18.3s

[CV 5/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 5/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3170.773)
total time= 37.4s

[CV 3/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 3/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3325.430)
total time= 18.3s
[CV 1/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 1/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-819.885, test=-3083.279)
total time= 0.7s
[CV 3/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 3/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-772.928, test=-3317.853)
total time= 0.7s
[CV 5/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 5/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-760.818, test=-3216.084)
total time= 0.7s
[CV 2/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 2/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-452.333, test=-3025.617)
total time= 1.5s
[CV 4/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 4/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-286.345, test=-3283.492)
total time= 1.5s
[CV 2/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 2/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-28.527, test=-3027.220)
total time= 3.7s
[CV 5/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 5/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-19.885, test=-3338.667)
total time= 3.7s
[CV 3/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 3/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-0.179, test=-3433.893)
total time= 7.3s
[CV 1/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 1/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3128.937)
total time= 14.6s
[CV 4/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3318.833)
total time= 19.2s
[CV 3/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-321.919, test=-3407.528)
total time= 1.5s
[CV 3/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-13.001, test=-3209.361)
total time= 3.7s
[CV 1/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.045, test=-3123.130)
total time= 7.3s
[CV 4/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.070, test=-3285.947)
total time= 7.4s
[CV 2/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-2906.264)
total time= 14.8s
[CV 5/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3428.809)
total time= 18.6s
[CV 5/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-229.574, test=-3178.098)
total time= 1.5s
[CV 3/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-12.545, test=-3318.899)
total time= 3.7s
[CV 5/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=50
[CV 5/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-6.229, test=-3247.751)
total time= 3.6s
[CV 3/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.061, test=-3310.296)
total time= 7.3s
[CV 1/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3007.742)
total time= 14.7s
[CV 4/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3199.602)
total time= 18.1s
[CV 4/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-867.249, test=-3066.535)
total time= 0.8s
[CV 1/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-249.114, test=-3199.381)
total time= 1.5s
[CV 3/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-293.293, test=-3352.950)
total time= 1.5s
[CV 1/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-5.938, test=-3095.914)
total time= 3.6s
[CV 4/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-7.682, test=-3171.854)
total time= 3.6s
[CV 2/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.018, test=-3079.065)

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total time= 7.2s
[CV 5/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.026, test=-3164.062)
total time= 7.3s
[CV 1/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3122.107)
total time= 18.5s
[CV 4/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3188.501)
total time= 37.5s
[CV 2/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3157.132)
total time= 18.3s
[CV 5/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3133.261)
total time= 37.2s
[CV 3/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3449.486)
total time= 18.7s
[CV 1/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-976.080, test=-3004.536)
total time= 0.8s
[CV 2/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-920.056, test=-3023.747)
total time= 0.7s
[CV 4/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1143.101, test=-3221.993)
total time= 0.7s
[CV 1/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 1/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-422.396, test=-3070.205) total time= 1.4s

[CV 3/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20

[CV 3/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-507.388, test=-3313.302) total time= 1.4s

[CV 2/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-241.510, test=-3121.491) total time= 1.4s

[CV 4/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20

[CV 4/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-258.806, test=-3146.031) total time= 1.5s

[CV 2/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50

[CV 2/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-13.738, test=-3173.634) total time= 3.7s

[CV 1/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100

[CV 1/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-0.039, test=-3094.808) total time= 7.3s

[CV 4/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100

[CV 4/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-0.021, test=-3203.074) total time= 7.3s

[CV 2/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200

[CV 2/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3125.694) total time= 14.7s

[CV 5/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250

[CV 5/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3206.891) total time= 18.2s

[CV 5/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20

[CV 5/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-227.747, test=-3200.034) total time= 1.5s

[CV 3/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50

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[CV 3/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-12.545, test=-3324.641)
total time= 3.7s
[CV 1/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.035, test=-3189.594)
total time= 7.3s
[CV 4/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.021, test=-3164.972)
total time= 7.3s
[CV 2/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3185.319)
total time= 14.6s
[CV 5/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3297.043)
total time= 18.4s
[CV 2/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-7.136, test=-3165.821)
total time= 3.6s
[CV 5/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-10.848, test=-3190.832)
total time= 3.7s
[CV 3/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.061, test=-3331.095)
total time= 7.3s
[CV 1/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3029.425)
total time= 14.5s
[CV 4/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3142.288)
total time= 18.2s

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[CV 2/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 2/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-1063.301, test=-2959.787)
total time= 0.7s

[CV 4/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 4/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-865.199, test=-3163.345)
total time= 0.7s

[CV 1/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 1/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-341.901, test=-3223.567)
total time= 1.5s

[CV 3/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 3/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-243.363, test=-3426.915)
total time= 1.4s

[CV 1/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 1/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-18.788, test=-3137.594)
total time= 3.6s

[CV 4/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 4/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-18.325, test=-3348.212)
total time= 3.7s

[CV 2/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 2/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-0.314, test=-3030.091)
total time= 7.3s

[CV 5/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 5/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-0.226, test=-3372.602)
total time= 7.3s

[CV 1/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 1/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3104.470)
total time= 18.6s

[CV 4/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 4/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3319.500)
total time= 39.1s
[CV 2/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3162.261)
total time= 18.6s
[CV 4/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.007, test=-3225.499)
total time= 7.4s
[CV 2/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-2991.911)
total time= 14.8s
[CV 5/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3335.331)
total time= 18.6s
[CV 4/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-301.415, test=-3275.244)
total time= 1.5s
[CV 2/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-11.923, test=-2899.701)
total time= 3.7s
[CV 4/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-13.145, test=-3284.723)
total time= 3.7s
[CV 2/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.085, test=-2903.757)
total time= 7.4s
[CV 5/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.071, test=-3441.854)
total time= 7.4s
[CV 1/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250
[CV 1/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3135.745)
total time= 18.4s
[CV 4/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3278.268)
total time= 37.6s
[CV 2/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3081.596)
total time= 18.3s
[CV 5/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3097.269)
total time= 37.2s
[CV 3/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3344.158)
total time= 18.4s
[CV 1/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-677.603, test=-3231.086)
total time= 0.7s
[CV 2/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-598.754, test=-3061.216)
total time= 0.7s
[CV 4/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-867.249, test=-3101.828)
total time= 0.7s
[CV 1/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-198.695, test=-3077.377)
total time= 1.5s
[CV 3/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-293.293, test=-3336.792)

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total time= 1.5s
[CV 5/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-254.338, test=-3368.360)
total time= 1.5s
[CV 3/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-12.545, test=-3318.080)
total time= 3.7s
[CV 1/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.030, test=-3195.165)
total time= 7.3s
[CV 4/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.021, test=-3178.260)
total time= 7.3s
[CV 4/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3196.267)
total time= 14.6s
[CV 2/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3103.946)
total time= 37.0s
[CV 3/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3421.572)
total time= 14.8s
[CV 1/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3196.758)
total time= 37.1s
[CV 2/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3169.891)
total time= 14.4s
[CV 5/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

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[CV 5/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3409.691)
total time= 18.4s

[CV 5/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 4/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 4/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3147.729)
total time= 18.3s

[CV 3/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 3/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-684.000, test=-3279.050)
total time= 0.7s

[CV 5/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 5/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-694.925, test=-3113.872)
total time= 0.7s

[CV 2/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 2/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-266.610, test=-3061.459)
total time= 1.5s

[CV 4/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 4/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-258.806, test=-3163.419)
total time= 1.5s

[CV 1/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 1/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-7.410, test=-3097.507)
total time= 3.7s

[CV 4/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 4/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-7.682, test=-3180.742)
total time= 3.7s

[CV 2/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 2/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.071, test=-3162.665)
total time= 7.4s

[CV 5/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 5/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-0.032, test=-3329.044)
total time= 7.3s
[CV 1/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3218.236)
total time= 18.3s
[CV 4/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3158.024)
total time= 36.8s
[CV 2/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3028.015)
total time= 18.6s
[CV 5/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3356.938)
total time= 37.9s
[CV 3/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.005, test=-3365.153)
total time= 18.8s
[CV 1/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-976.080, test=-3011.909)
total time= 0.8s
[CV 2/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-902.327, test=-2941.468)
total time= 0.9s
[CV 3/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1116.382, test=-3215.209)
total time= 0.9s
[CV 4/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1143.101, test=-3225.761)
total time= 0.8s
[CV 1/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20
[CV 1/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-422.396, test=-3054.289)
total time= 1.7s
[CV 4/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-399.469, test=-3423.866)
total time= 1.5s
[CV 2/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-32.785, test=-3164.666)
total time= 3.7s
[CV 5/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-43.072, test=-3437.387)
total time= 3.6s
[CV 3/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1.332, test=-3367.911)
total time= 7.2s
[CV 1/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.056, test=-3127.176)
total time= 14.8s
[CV 3/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.005, test=-3347.188)
total time= 18.7s
[CV 1/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-976.080, test=-3000.187)
total time= 0.7s
[CV 3/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1116.382, test=-3205.846)
total time= 0.7s
[CV 5/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-985.821, test=-3434.313)

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total time= 0.7s
[CV 1/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3065.914)
total time= 38.2s
[CV 3/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3235.407)
total time= 16.5s
[CV 3/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3319.488)
total time= 38.2s
[CV 5/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3329.772)
total time= 14.9s
[CV 3/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3343.468)
total time= 37.5s
[CV 5/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3384.275)
total time= 14.8s
[CV 3/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3247.907)
total time= 37.5s
[CV 4/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3150.098)
total time= 14.7s
[CV 2/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3015.425)
total time= 37.3s
[CV 4/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 4/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3209.036)
total time= 14.5s

[CV 2/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 2/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3200.959)
total time= 37.2s

[CV 3/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 3/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3340.864)
total time= 14.6s

[CV 1/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 1/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3238.279)
total time= 37.0s

[CV 2/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 2/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3052.833)
total time= 14.8s

[CV 5/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 5/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3362.559)
total time= 18.6s

[CV 5/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 5/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-446.505, test=-3399.939)
total time= 1.4s

[CV 3/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 3/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-33.078, test=-3354.510)
total time= 3.6s

[CV 1/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 1/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.532, test=-3114.771)
total time= 7.3s

[CV 4/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 4/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-0.954, test=-3441.580)
total time= 7.3s

[CV 5/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200

[CV 5/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-0.003, test=-3428.167) total time= 16.1s

[CV 3/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500

[CV 3/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3386.803) total time= 40.7s

[CV 1/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250

[CV 1/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-0.002, test=-3164.380) total time= 18.7s

[CV 4/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500

[CV 4/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3432.188) total time= 40.8s

[CV 2/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250

[CV 2/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-0.005, test=-3041.766) total time= 20.7s

[CV 5/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500

[CV 5/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3413.845) total time= 38.1s

[CV 4/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250

[CV 4/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.001, test=-3442.730) total time= 18.5s

[CV 2/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10

[CV 2/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1073.362, test=-3009.043) total time= 0.7s

[CV 4/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10

[CV 4/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1025.002, test=-3000.345) total time= 0.7s

[CV 1/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20

[CV 1/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-483.783, test=-3011.420)
total time= 1.4s
[CV 1/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-48.551, test=-3111.971)
total time= 3.6s
[CV 4/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-38.132, test=-3452.433)
total time= 3.6s
[CV 2/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-0.849, test=-3220.667)
total time= 7.2s
[CV 5/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.500, test=-3429.720)
total time= 7.4s
[CV 1/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.013, test=-3117.054)
total time= 18.6s
[CV 4/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3440.603)
total time= 38.4s
[CV 2/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.005, test=-3051.308)
total time= 19.1s
[CV 5/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3422.127)
total time= 39.1s
[CV 3/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.005, test=-3383.863)
total time= 20.4s
[CV 1/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=10
[CV 1/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-976.080, test=-3014.047)
total time= 0.9s
[CV 2/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-925.169, test=-2996.109)
total time= 0.9s
[CV 3/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1116.382, test=-3207.744)
total time= 0.9s
[CV 4/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1143.101, test=-3221.993)
total time= 0.8s
[CV 5/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1007.584, test=-3309.100)
total time= 0.7s
[CV 2/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-359.887, test=-3001.916)
total time= 1.4s
[CV 5/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-366.592, test=-3521.645)
total time= 1.4s
[CV 3/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-33.078, test=-3350.274)
total time= 3.6s
[CV 1/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1.532, test=-3089.158)
total time= 7.3s
[CV 4/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-0.954, test=-3452.125)

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total time= 7.3s
[CV 2/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.006, test=-3003.621)
total time= 14.7s
[CV 5/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3524.242)
total time= 18.4s
[CV 5/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-553.202, test=-3292.709)
total time= 1.4s
[CV 3/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-57.277, test=-3537.993)
total time= 3.5s
[CV 1/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-5.089, test=-3036.854)
total time= 7.2s
[CV 4/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1.831, test=-3195.287)
total time= 7.5s
[CV 2/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.234, test=-3159.668)
total time= 14.7s
[CV 5/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.029, test=-3471.162)
total time= 18.5s
[CV 1/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-70.811, test=-3023.217)
total time= 3.6s
[CV 4/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

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[CV 1/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-422.396, test=-3049.233)
total time= 1.4s

[CV 3/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 3/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-507.388, test=-3322.609)
total time= 1.4s

[CV 5/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 5/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-366.592, test=-3525.360)
total time= 1.4s

[CV 3/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 3/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-33.078, test=-3374.979)
total time= 3.6s

[CV 1/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 1/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1.532, test=-3098.454)
total time= 7.3s

[CV 4/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 4/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-0.954, test=-3454.003)
total time= 7.2s

[CV 2/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.008, test=-2955.001)
total time= 15.5s

[CV 5/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3535.474)
total time= 20.2s

[CV 4/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 4/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-399.469, test=-3439.375)
total time= 1.4s

[CV 2/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 2/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-25.991, test=-3021.025)
total time= 3.6s

[CV 5/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 5/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-34.904, test=-3514.442)
total time= 3.6s

[CV 3/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 3/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-1.332, test=-3379.606)
total time= 7.2s

[CV 1/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 1/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-0.056, test=-3095.532)
total time= 14.8s

[CV 3/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 3/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.005, test=-3366.732)
total time= 18.7s

[CV 1/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 1/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1024.960, test=-2924.786)
total time= 0.7s

[CV 3/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 3/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1060.051, test=-3463.065)
total time= 0.7s

[CV 5/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 5/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-814.834, test=-3221.364)
total time= 0.7s

[CV 2/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 2/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-513.570, test=-3140.232)
total time= 1.4s

[CV 4/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 4/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-476.728, test=-3122.865)
total time= 1.4s

[CV 2/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 2/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50;; score=(train=-62.918, test=-3055.430)
total time= 3.6s
[CV 5/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-54.024, test=-3255.641)
total time= 3.6s
[CV 3/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2.849, test=-3463.085)
total time= 7.3s
[CV 1/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.798, test=-3015.535)
total time= 14.8s
[CV 4/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.002, test=-3184.791)
total time= 18.4s
[CV 4/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1025.002, test=-3015.775)
total time= 0.7s
[CV 1/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-483.783, test=-3008.401)
total time= 1.4s
[CV 3/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-423.090, test=-3489.329)
total time= 1.4s
[CV 5/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-391.725, test=-3470.132)
total time= 1.4s
[CV 3/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-75.443, test=-3474.140)
total time= 3.6s
[CV 3/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10;; score=(train=-1116.382, test=-3208.536)
total time= 0.7s
[CV 5/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-985.658, test=-3439.659)
total time= 0.7s
[CV 2/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-351.412, test=-3054.061)
total time= 1.4s
[CV 4/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-399.469, test=-3420.661)
total time= 1.4s
[CV 2/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-32.070, test=-3060.854)
total time= 3.6s
[CV 5/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-32.003, test=-3530.219)
total time= 3.6s
[CV 3/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.332, test=-3378.915)
total time= 7.2s
[CV 1/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.056, test=-3111.445)
total time= 16.1s
[CV 4/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.001, test=-3450.447)
total time= 20.5s
[CV 2/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-463.661, test=-2979.556)
total time= 1.8s
[CV 1/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 1/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-48.551, test=-3094.292)
total time= 4.2s
[CV 4/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-38.132, test=-3438.415)
total time= 3.6s
[CV 2/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-0.661, test=-3186.607)
total time= 7.2s
[CV 5/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1.500, test=-3438.648)
total time= 7.3s
[CV 5/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.010, test=-3324.027)
total time= 14.7s
[CV 3/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3360.681)
total time= 42.7s
[CV 1/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.013, test=-3107.715)
total time= 19.7s
[CV 4/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3439.122)
total time= 37.5s
[CV 2/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.004, test=-3194.324)
total time= 18.5s
[CV 5/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3529.998)

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total time= 36.3s
[CV 3/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.005, test=-3455.376)
total time= 18.4s
[CV 1/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1024.960, test=-2928.486)
total time= 0.7s
[CV 2/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1004.455, test=-3039.645)
total time= 0.7s
[CV 3/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1060.051, test=-3476.655)
total time= 0.7s
[CV 5/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-814.834, test=-3224.596)
total time= 0.7s
[CV 2/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-466.225, test=-3005.455)
total time= 1.4s
[CV 4/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-476.728, test=-3140.112)
total time= 1.4s
[CV 2/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-57.115, test=-3098.690)
total time= 3.6s
[CV 5/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-65.256, test=-3332.382)
total time= 3.6s
[CV 4/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

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[CV 4/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3287.477)
total time= 14.7s

[CV 2/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 2/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2883.818)
total time= 37.9s

[CV 5/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 5/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3200.367)
total time= 14.8s

[CV 3/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 3/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3335.670)
total time= 37.3s

[CV 5/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 5/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3175.376)
total time= 14.6s

[CV 3/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 3/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3312.423)
total time= 37.4s

[CV 5/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 5/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3123.467)
total time= 14.7s

[CV 3/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 3/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3303.602)
total time= 37.1s

[CV 4/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 4/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3316.079)
total time= 15.0s

[CV 3/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 3/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3448.680)
total time= 37.3s

[CV 3/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 3/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-0.022, test=-3348.635)
total time= 16.2s

[CV 2/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 2/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3183.044)
total time= 39.6s

[CV 4/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 4/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-0.002, test=-3443.523)
total time= 14.6s

[CV 2/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 2/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3222.628)
total time= 39.9s

[CV 3/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 3/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-0.022, test=-3368.821)
total time= 16.8s

[CV 2/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 2/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3167.505)
total time= 40.1s

[CV 5/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 5/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3542.296)
total time= 14.5s

[CV 3/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 3/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3372.534)
total time= 38.2s

[CV 1/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 1/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-0.376, test=-3026.243)
total time= 18.7s

[CV 4/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 4/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3179.226)
total time= 37.0s
[CV 2/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.021, test=-3064.931)
total time= 18.4s
[CV 5/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.005, test=-3354.530)
total time= 38.0s
[CV 3/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.012, test=-3508.972)
total time= 18.4s
[CV 1/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1024.960, test=-2915.348)
total time= 0.7s
[CV 3/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1007.191, test=-3369.605)
total time= 0.7s
[CV 5/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-814.834, test=-3246.727)
total time= 0.7s
[CV 2/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-458.179, test=-3033.461)
total time= 1.4s
[CV 4/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-476.728, test=-3143.618)
total time= 1.4s
[CV 2/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-317.281, test=-3281.553)

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total time= 1.5s
[CV 3/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-11.081, test=-3414.374)
total time= 3.6s
[CV 1/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.197, test=-3127.130)
total time= 7.3s
[CV 4/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.360, test=-3322.482)
total time= 7.4s
[CV 5/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3320.962)
total time= 14.7s
[CV 2/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3041.939)
total time= 37.6s
[CV 4/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.002, test=-3455.807)
total time= 15.3s
[CV 1/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3088.989)
total time= 39.6s
[CV 3/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.022, test=-3369.823)
total time= 14.8s
[CV 1/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3121.629)
total time= 40.7s
[CV 4/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 4/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.002, test=-3447.678)
total time= 16.4s

[CV 1/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 1/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3186.183)
total time= 40.6s

[CV 1/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 1/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.013, test=-3103.647)
total time= 18.7s

[CV 4/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 4/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3439.827)
total time= 37.8s

[CV 2/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 2/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.013, test=-3025.257)
total time= 18.4s

[CV 5/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 5/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3342.022)
total time= 37.7s

[CV 4/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 4/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.002, test=-3184.152)
total time= 18.4s

[CV 2/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 2/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1151.673, test=-3046.610)
total time= 0.7s

[CV 4/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 4/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1025.002, test=-3009.282)
total time= 0.7s

[CV 1/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 1/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-483.783, test=-2993.653)
total time= 1.4s

[CV 3/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 3/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-523.517, test=-3457.475)
total time= 1.4s

[CV 1/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 1/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-70.811, test=-3031.150)
total time= 3.6s

[CV 4/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 4/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-61.947, test=-3184.196)
total time= 3.6s

[CV 2/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 2/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-2.757, test=-2923.250)
total time= 7.2s

[CV 5/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 5/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-2.665, test=-3322.904)
total time= 7.3s

[CV 1/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 1/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-0.376, test=-3033.704)
total time= 18.6s

[CV 4/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 4/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3187.508)
total time= 37.1s

[CV 2/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 2/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-0.086, test=-3176.882)
total time= 18.6s

[CV 5/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 5/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-900.584, test=-3359.662)
total time= 0.7s

[CV 3/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 3/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-507.388, test=-3292.700)
total time= 1.5s
[CV 5/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-366.592, test=-3493.402)
total time= 1.4s
[CV 3/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-33.078, test=-3382.704)
total time= 3.9s
[CV 1/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1.532, test=-3107.066)
total time= 7.3s
[CV 4/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-0.954, test=-3454.022)
total time= 7.3s
[CV 2/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.006, test=-3072.646)
total time= 14.6s
[CV 5/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3422.392)
total time= 20.5s
[CV 2/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-41.245, test=-3055.868)
total time= 4.3s
[CV 5/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-32.003, test=-3487.777)
total time= 3.6s
[CV 3/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2.029, test=-3442.202)
total time= 7.3s
[CV 1/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200
[CV 1/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.056, test=-3107.575)
total time= 17.7s
[CV 4/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.001, test=-3440.397)
total time= 20.2s
[CV 1/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-422.396, test=-3045.459)
total time= 1.4s
[CV 3/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-507.388, test=-3319.324)
total time= 1.5s
[CV 1/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-48.551, test=-3097.880)
total time= 3.6s
[CV 4/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-38.132, test=-3444.389)
total time= 3.6s
[CV 2/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-0.626, test=-3047.793)
total time= 7.1s
[CV 5/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-0.865, test=-3409.466)
total time= 7.2s
[CV 4/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3439.581)
total time= 14.7s
[CV 2/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3172.621)

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total time= 36.9s
[CV 3/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.023, test=-3464.725)
total time= 14.7s
[CV 1/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.007, test=-3044.131)
total time= 37.8s
[CV 3/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.023, test=-3458.945)
total time= 14.6s
[CV 1/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.007, test=-3038.984)
total time= 37.7s
[CV 3/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.023, test=-3475.938)
total time= 14.6s
[CV 1/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.007, test=-3029.561)
total time= 38.0s
[CV 4/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.013, test=-3184.777)
total time= 14.5s
[CV 2/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3005.297)
total time= 37.7s
[CV 3/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2.849, test=-3469.207)
total time= 7.3s
[CV 1/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

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[CV 1/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.798, test=-3034.685)
total time= 14.9s

[CV 3/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 3/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.005, test=-3468.581)
total time= 18.4s

[CV 1/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 1/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1024.960, test=-2913.418)
total time= 0.7s

[CV 3/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 3/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1060.051, test=-3461.660)
total time= 0.7s

[CV 5/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 5/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-922.198, test=-3188.836)
total time= 0.7s

[CV 2/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 2/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-458.179, test=-3048.997)
total time= 1.4s

[CV 4/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 4/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-476.728, test=-3131.739)
total time= 1.4s

[CV 2/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 2/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-61.971, test=-3078.154)
total time= 3.5s

[CV 5/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 5/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-59.918, test=-3481.087)
total time= 3.6s

[CV 3/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 3/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-3.017, test=-3518.859)
total time= 7.2s

[CV 1/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 1/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-0.798, test=-3032.648)
total time= 14.9s
[CV 4/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 4/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3184.631)
total time= 18.2s
[CV 2/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 2/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1090.485, test=-2914.481)
total time= 0.7s
[CV 4/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1025.002, test=-3016.922)
total time= 0.7s
[CV 1/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-483.783, test=-3006.314)
total time= 1.4s
[CV 3/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-523.517, test=-3464.674)
total time= 1.4s
[CV 5/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 5/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-414.472, test=-3216.814)
total time= 1.4s
[CV 3/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 3/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-75.443, test=-3470.801)
total time= 3.6s
[CV 1/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 1/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-5.089, test=-3033.631)
total time= 7.5s
[CV 4/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 4/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100;; score=(train=-1.831, test=-3185.341)
total time= 7.2s
[CV 2/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.279, test=-3046.827)
total time= 14.7s
[CV 5/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.014, test=-3340.843)
total time= 18.4s
[CV 5/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-852.691, test=-3615.817)
total time= 1.7s
[CV 3/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-331.106, test=-3516.110)
total time= 3.1s
[CV 1/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-43.923, test=-3555.259)
total time= 6.1s
[CV 4/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-44.112, test=-3387.566)
total time= 6.1s
[CV 2/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-16.933, test=-3264.194)
total time= 7.7s
[CV 3/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-423.090, test=-3492.590)
total time= 1.4s
[CV 1/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-70.811, test=-3028.698)

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total time= 3.6s
[CV 4/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-61.947, test=-3178.405)
total time= 3.6s
[CV 2/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2.333, test=-3096.861)
total time= 7.1s
[CV 5/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-4.698, test=-3265.031)
total time= 7.2s
[CV 5/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.037, test=-3311.862)
total time= 14.8s
[CV 3/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3461.541)
total time= 37.3s
[CV 1/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.376, test=-3027.330)
total time= 18.7s
[CV 4/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3169.745)
total time= 37.1s
[CV 2/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.049, test=-3042.579)
total time= 18.4s
[CV 5/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3324.235)
total time= 37.7s
[CV 3/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

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[CV 3/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.005, test=-3461.208)
total time= 18.3s

[CV 1/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 1/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2034.149, test=-2749.141)
total time= 0.3s

[CV 2/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 2/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2130.129, test=-2766.483)
total time= 0.3s

[CV 3/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 3/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1954.827, test=-2961.404)
total time= 0.3s

[CV 4/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 4/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1981.411, test=-2889.746)
total time= 0.3s

[CV 5/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 5/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2010.900, test=-3148.576)
total time= 0.3s

[CV 2/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 2/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1705.319, test=-3004.099)
total time= 0.6s

[CV 4/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 4/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1565.543, test=-3116.471)
total time= 0.6s

[CV 1/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 1/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-907.008, test=-3438.825)
total time= 1.5s

[CV 3/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 3/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-917.168, test=-3471.882)
total time= 1.5s

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[CV 1/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-335.297, test=-3599.208)
total time= 3.1s
[CV 4/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-341.639, test=-3373.143)
total time= 3.1s
[CV 2/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-45.530, test=-3292.360)
total time= 6.1s
[CV 5/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-40.773, test=-3732.654)
total time= 6.1s
[CV 3/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-18.377, test=-3508.033)
total time= 7.7s
[CV 5/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.108, test=-3717.467)
total time= 15.2s
[CV 3/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-17.516, test=-3579.011)
total time= 7.6s
[CV 1/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2103.348, test=-2766.354)
total time= 0.3s
[CV 5/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3530.924)
total time= 38.2s
[CV 4/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250;; score=(train=-0.001, test=-3439.895)
total time= 19.3s
[CV 2/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-899.764, test=-3138.396)
total time= 0.8s
[CV 4/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1143.101, test=-3228.942)
total time= 0.8s
[CV 2/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-410.888, test=-3028.667)
total time= 1.7s
[CV 4/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-399.469, test=-3440.141)
total time= 1.4s
[CV 1/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-48.551, test=-3089.149)
total time= 3.8s
[CV 4/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-38.132, test=-3436.387)
total time= 3.6s
[CV 2/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1.155, test=-3034.783)
total time= 7.2s
[CV 5/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-0.639, test=-3558.358)
total time= 8.1s
[CV 5/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3524.113)
total time= 16.8s
[CV 3/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500
[CV 3/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3351.142)
total time= 38.1s
[CV 3/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.022, test=-3368.739)
total time= 14.9s
[CV 1/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3100.064)
total time= 38.0s
[CV 4/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.013, test=-3171.543)
total time= 14.6s
[CV 2/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2977.323)
total time= 37.6s
[CV 4/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.013, test=-3165.545)
total time= 14.6s
[CV 2/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3086.694)
total time= 37.5s
[CV 5/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.037, test=-3319.771)
total time= 14.6s
[CV 3/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3487.687)
total time= 37.8s
[CV 5/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.217, test=-3286.821)

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total time= 14.8s
[CV 3/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3483.821)
total time= 37.4s
[CV 2/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.112, test=-3365.101)
total time= 15.2s
[CV 2/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-50.562, test=-3406.197)
total time= 6.1s
[CV 5/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-19.661, test=-3556.013)
total time= 7.6s
[CV 4/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2096.619, test=-2921.243)
total time= 0.3s
[CV 2/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1708.891, test=-2989.169)
total time= 0.6s
[CV 5/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1607.983, test=-3297.653)
total time= 0.6s
[CV 3/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-5.089, test=-3027.023)
total time= 7.3s
[CV 4/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1.831, test=-3179.388)
total time= 7.2s

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[CV 2/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=5, n_estimators=200
 [CV 2/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=5, n_estimators=200;; score=(train=-0.061, test=-3142.674)
 total time= 14.7s
 [CV 5/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=5, n_estimators=250
 [CV 5/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=5, n_estimators=250;; score=(train=-0.014, test=-3322.985)
 total time= 18.5s
 [CV 5/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=20
 [CV 5/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=20;; score=(train=-414.472, test=-3222.491)
 total time= 1.4s
 [CV 3/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=50
 [CV 3/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=50;; score=(train=-75.443, test=-3456.525)
 total time= 3.6s
 [CV 1/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100
 [CV 1/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100;; score=(train=-5.089, test=-3017.587)
 total time= 7.2s
 [CV 4/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100
 [CV 4/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100;; score=(train=-1.831, test=-3188.485)
 total time= 7.1s
 [CV 2/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=200
 [CV 2/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=200;; score=(train=-0.151, test=-3026.466)
 total time= 14.6s
 [CV 5/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=250
 [CV 5/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=250;; score=(train=-0.258, test=-3364.116)
 total time= 18.7s
 [CV 1/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=15, n_estimators=50
 [CV 1/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=15, n_estimators=50;; score=(train=-70.811, test=-3023.235)
 total time= 3.6s
 [CV 4/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
 min_samples_split=15, n_estimators=50
 [CV 4/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50;; score=(train=-61.947, test=-3171.606)
total time= 3.7s
[CV 2/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-3.265, test=-3058.819)
total time= 7.2s
[CV 5/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-6.169, test=-3343.699)
total time= 7.3s
[CV 1/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.376, test=-3036.897)
total time= 18.6s
[CV 4/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3183.747)
total time= 37.4s
[CV 4/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.127, test=-3340.082)
total time= 15.2s
[CV 2/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-19.287, test=-3460.329)
total time= 7.6s
[CV 5/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.131, test=-3556.714)
total time= 15.1s
[CV 3/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-24.254, test=-3387.040)
total time= 7.6s
[CV 1/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2073.237, test=-2829.996)
total time= 0.3s
[CV 3/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=10
[CV 3/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2024.520, test=-3058.518)
total time= 0.3s
[CV 1/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1770.102, test=-3090.809)
total time= 0.6s
[CV 4/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1756.850, test=-3172.716)
total time= 0.6s
[CV 2/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-995.140, test=-3358.299)
total time= 1.5s
[CV 5/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-931.232, test=-3540.376)
total time= 1.5s
[CV 3/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-406.906, test=-3657.451)
total time= 3.0s
[CV 1/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-61.523, test=-3428.503)
total time= 6.1s
[CV 3/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-61.947, test=-3197.958)
total time= 3.6s
[CV 2/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-3.935, test=-3156.706)
total time= 7.2s
[CV 5/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2.665, test=-3326.143)

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total time= 7.2s
[CV 5/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.019, test=-3286.865)
total time= 14.6s
[CV 3/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3453.334)
total time= 37.3s
[CV 4/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.013, test=-3185.890)
total time= 14.5s
[CV 2/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3020.194)
total time= 37.3s
[CV 3/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.023, test=-3471.697)
total time= 14.6s
[CV 1/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.007, test=-3032.775)
total time= 37.8s
[CV 4/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-17.426, test=-3348.225)
total time= 7.7s
[CV 1/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2034.149, test=-2749.141)
total time= 0.3s
[CV 2/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2130.129, test=-2769.885)
total time= 0.3s
[CV 4/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

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[CV 4/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1981.411, test=-2891.268)
total time= 0.3s

[CV 1/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 1/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1632.722, test=-3114.907)
total time= 0.6s

[CV 4/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 4/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1565.543, test=-3096.112)
total time= 0.6s

[CV 2/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 2/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-933.806, test=-3286.168)
total time= 1.5s

[CV 5/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 5/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-897.620, test=-3476.406)
total time= 1.5s

[CV 3/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 3/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-316.572, test=-3583.790)
total time= 3.0s

[CV 3/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 3/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-45.729, test=-3621.049)
total time= 6.1s

[CV 1/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 1/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.129, test=-3515.180)
total time= 15.1s

[CV 2/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 2/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-50.792, test=-3295.473)
total time= 6.0s

[CV 5/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 5/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-18.910, test=-3657.027)
total time= 7.6s

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[CV 4/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2103.531, test=-2910.490)
total time= 0.3s
[CV 2/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1758.930, test=-2983.589)
total time= 0.6s
[CV 5/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1617.649, test=-3303.506)
total time= 0.6s
[CV 3/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-979.182, test=-3504.069)
total time= 1.5s
[CV 1/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-389.001, test=-3429.544)
total time= 3.0s
[CV 4/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-337.766, test=-3709.056)
total time= 3.0s
[CV 3/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-73.562, test=-3702.865)
total time= 6.1s
[CV 2/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-63.948, test=-3187.417)
total time= 3.8s
[CV 5/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-59.120, test=-3381.816)
total time= 3.8s
[CV 3/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2.849, test=-3454.968)
total time= 7.3s

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[CV 1/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200

[CV 1/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-0.798, test=-3028.844) total time= 14.8s

[CV 4/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250

[CV 4/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-0.002, test=-3180.321) total time= 18.2s

[CV 1/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20

[CV 1/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1652.161, test=-3037.982) total time= 0.6s

[CV 3/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20

[CV 3/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1594.860, test=-3115.940) total time= 0.6s

[CV 5/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20

[CV 5/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1594.850, test=-3309.743) total time= 0.6s

[CV 2/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50

[CV 2/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-930.662, test=-3339.686) total time= 1.5s

[CV 4/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50

[CV 4/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-816.230, test=-3257.446) total time= 1.6s

[CV 2/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100

[CV 2/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-353.293, test=-3240.555) total time= 3.0s

[CV 5/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100

[CV 5/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-312.136, test=-3721.202) total time= 3.1s

[CV 3/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200

[CV 3/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-47.355, test=-3528.362)
total time= 6.1s
[CV 1/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-16.030, test=-3554.425)
total time= 7.6s
[CV 1/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.125, test=-3547.329)
total time= 15.2s
[CV 1/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-45.368, test=-3478.196)
total time= 6.1s
[CV 4/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-16.889, test=-3433.342)
total time= 7.6s
[CV 2/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2089.987, test=-2835.268)
total time= 0.3s
[CV 5/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2014.479, test=-3057.502)
total time= 0.3s
[CV 3/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1652.468, test=-3149.128)
total time= 0.6s
[CV 1/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-922.952, test=-3464.813)
total time= 1.5s
[CV 4/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-941.121, test=-3519.812)
total time= 1.5s
[CV 2/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 2/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-336.180, test=-3294.933)
total time= 3.0s
[CV 5/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-339.826, test=-3699.390)
total time= 3.0s
[CV 5/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-49.873, test=-3691.147)
total time= 6.1s
[CV 3/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.235, test=-3354.795)
total time= 15.2s
[CV 5/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-63.196, test=-3698.107)
total time= 6.1s
[CV 3/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.330, test=-3686.081)
total time= 15.2s
[CV 4/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-61.730, test=-3581.604)
total time= 6.1s
[CV 3/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2019.353, test=-3095.527)
total time= 0.3s
[CV 1/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1731.401, test=-3030.852)
total time= 0.6s
[CV 4/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1761.317, test=-3114.850)

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total time= 0.6s
[CV 2/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-858.623, test=-3260.823)
total time= 1.5s
[CV 5/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-913.649, test=-3697.640)
total time= 1.5s
[CV 3/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-389.972, test=-3388.255)
total time= 3.0s
[CV 1/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-52.730, test=-3591.335)
total time= 6.0s
[CV 4/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-26.545, test=-3679.533)
total time= 7.6s
[CV 2/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2115.968, test=-2792.363)
total time= 0.3s
[CV 5/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2014.479, test=-3025.009)
total time= 0.3s
[CV 3/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1727.342, test=-3178.550)
total time= 0.6s
[CV 1/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-943.490, test=-3288.870)
total time= 1.5s
[CV 4/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 4/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-964.995, test=-3631.631)
total time= 1.5s
[CV 2/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-411.900, test=-3498.878)
total time= 3.0s
[CV 5/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-359.153, test=-3690.221)
total time= 3.0s
[CV 1/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-26.002, test=-3449.947)
total time= 7.6s
[CV 4/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.271, test=-3692.478)
total time= 15.2s
[CV 2/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-27.820, test=-3331.712)
total time= 7.6s
[CV 5/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.308, test=-3337.231)
total time= 15.1s
[CV 3/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-21.258, test=-3647.385)
total time= 8.4s
[CV 1/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2086.060, test=-2729.256)
total time= 0.3s
[CV 2/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2121.200, test=-2580.925)
total time= 0.3s

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[CV 3/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2009.029, test=-3110.703)
total time= 0.3s
[CV 4/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1981.747, test=-2859.410)
total time= 0.3s
[CV 5/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2080.303, test=-2908.035)
total time= 0.3s
[CV 2/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1741.711, test=-2927.071)
total time= 0.6s
[CV 5/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1691.624, test=-3176.982)
total time= 0.6s
[CV 3/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-939.078, test=-3550.028)
total time= 1.5s
[CV 1/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-360.567, test=-3432.020)
total time= 3.0s
[CV 3/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-30.362, test=-3672.371)
total time= 7.6s
[CV 1/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2086.060, test=-2735.605)
total time= 0.3s
[CV 2/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2121.200, test=-2610.268)
total time= 0.3s

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[CV 3/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2009.029, test=-3110.125)
total time= 0.3s
[CV 4/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1981.747, test=-2868.661)
total time= 0.3s
[CV 1/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1677.647, test=-3062.471)
total time= 0.6s
[CV 4/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1661.253, test=-3118.865)
total time= 0.6s
[CV 2/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1024.398, test=-3220.119)
total time= 1.5s
[CV 5/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-927.177, test=-3287.124)
total time= 1.5s
[CV 3/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-376.961, test=-3640.337)
total time= 3.0s
[CV 1/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-59.161, test=-3457.403)
total time= 6.1s
[CV 4/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-26.030, test=-3571.368)
total time= 7.6s
[CV 1/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20;; score=(train=-1677.647, test=-3052.086)
total time= 0.6s
[CV 4/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1661.253, test=-3118.797)
total time= 0.6s
[CV 2/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1024.398, test=-3181.405)
total time= 1.5s
[CV 5/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-927.177, test=-3254.194)
total time= 1.5s
[CV 3/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-376.961, test=-3649.009)
total time= 3.0s
[CV 1/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-59.161, test=-3475.324)
total time= 6.1s
[CV 4/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-26.030, test=-3571.123)
total time= 8.4s
[CV 1/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1677.647, test=-3047.930)
total time= 0.6s
[CV 4/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1661.253, test=-3121.463)
total time= 0.6s
[CV 2/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1024.398, test=-3255.113)
total time= 1.5s
[CV 5/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50
[CV 5/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-927.177, test=-3252.126)
total time= 1.5s
[CV 3/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-376.961, test=-3636.512)
total time= 3.0s
[CV 1/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-59.161, test=-3496.061)
total time= 6.1s
[CV 4/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-26.030, test=-3556.815)
total time= 8.0s
[CV 4/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2058.800, test=-2912.034)
total time= 0.3s
[CV 1/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1674.707, test=-2917.150)
total time= 0.6s
[CV 4/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1687.445, test=-3086.352)
total time= 0.6s
[CV 2/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3241.399)
total time= 37.7s
[CV 3/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1600.990, test=-3278.931)
total time= 0.6s
[CV 1/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-867.943, test=-3303.232)

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total time= 1.5s
[CV 4/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-824.990, test=-3278.544)
total time= 1.5s
[CV 2/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-367.589, test=-3406.190)
total time= 3.1s
[CV 5/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-360.629, test=-3583.901)
total time= 3.0s
[CV 5/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-49.760, test=-3589.212)
total time= 6.1s
[CV 3/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.126, test=-3586.737)
total time= 15.2s
[CV 1/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-23.173, test=-3630.697)
total time= 7.6s
[CV 4/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.257, test=-3677.490)
total time= 15.2s
[CV 2/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-31.590, test=-3512.513)
total time= 7.6s
[CV 5/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.274, test=-3732.282)
total time= 15.2s
[CV 3/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

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[CV 3/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-21.258, test=-3642.002)
total time= 7.6s
[CV 1/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2086.060, test=-2716.009)
total time= 0.3s
[CV 2/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2121.200, test=-2617.706)
total time= 0.3s
[CV 3/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2009.029, test=-3110.703)
total time= 0.3s
[CV 4/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1981.747, test=-2868.661)
total time= 0.3s
[CV 5/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2080.303, test=-2933.371)
total time= 0.3s
[CV 2/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1741.711, test=-2868.523)
total time= 0.6s
[CV 5/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1691.624, test=-3166.984)
total time= 0.6s
[CV 3/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-939.078, test=-3550.348)
total time= 1.5s
[CV 1/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-360.567, test=-3439.198)
total time= 3.0s

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[CV 4/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-387.833, test=-3523.289)
total time= 3.0s
[CV 4/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-61.730, test=-3599.173)
total time= 6.2s
[CV 1/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.272, test=-3477.861)
total time= 15.2s
[CV 2/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-72.754, test=-3262.064)
total time= 6.1s
[CV 5/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-23.962, test=-3336.889)
total time= 7.6s
[CV 3/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1666.278, test=-3212.591)
total time= 0.6s
[CV 1/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-981.116, test=-3140.587)
total time= 2.5s
[CV 4/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.139, test=-3555.831)
total time= 15.2s
[CV 1/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-17.345, test=-3436.621)
total time= 7.6s
[CV 4/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500;; score=(train=-0.130, test=-3457.168)
total time= 15.2s
[CV 2/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-20.713, test=-3333.285)
total time= 7.6s
[CV 5/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.167, test=-3696.163)
total time= 15.2s
[CV 4/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-25.605, test=-3720.080)
total time= 7.6s
[CV 5/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2080.303, test=-2911.947)
total time= 0.3s
[CV 3/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1643.510, test=-3298.511)
total time= 0.6s
[CV 1/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-950.898, test=-3351.799)
total time= 1.5s
[CV 4/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-931.977, test=-3338.929)
total time= 1.5s
[CV 2/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-419.594, test=-3322.182)
total time= 3.0s
[CV 5/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-364.268, test=-3261.310)
total time= 3.0s
[CV 1/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 1/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-24.401, test=-3465.964)
total time= 7.6s
[CV 4/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.273, test=-3565.276)
total time= 15.1s
[CV 2/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-27.820, test=-3305.864)
total time= 8.3s
[CV 5/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.308, test=-3363.178)
total time= 15.2s
[CV 3/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-21.258, test=-3639.561)
total time= 7.6s
[CV 1/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2045.259, test=-2783.814)
total time= 0.3s
[CV 2/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2088.026, test=-2727.311)
total time= 0.3s
[CV 3/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2011.459, test=-2983.568)
total time= 0.3s
[CV 5/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2095.085, test=-2944.088)
total time= 0.3s
[CV 2/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1769.505, test=-2832.042)

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total time= 0.6s
[CV 5/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1745.731, test=-3066.999)
total time= 0.6s
[CV 3/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-959.011, test=-3440.711)
total time= 2.8s
[CV 1/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-407.083, test=-3270.979)
total time= 6.0s
[CV 4/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-357.131, test=-3417.917)
total time= 6.2s
[CV 5/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-68.757, test=-3540.821)
total time= 12.1s
[CV 3/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.409, test=-3487.907)
total time= 30.3s
[CV 4/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-77.520, test=-3397.754)
total time= 12.1s
[CV 2/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-15.389, test=-3651.765)
total time= 7.7s
[CV 3/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1956.273, test=-2985.207)
total time= 0.3s

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[CV 5/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2011.722, test=-3035.964)
total time= 0.3s
[CV 2/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1710.129, test=-3018.505)
total time= 0.6s
[CV 5/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1612.040, test=-3250.636)
total time= 0.6s
[CV 3/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-874.617, test=-3526.142)
total time= 1.5s
[CV 1/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-337.582, test=-3438.270)
total time= 3.1s
[CV 4/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-295.645, test=-3433.620)
total time= 3.1s
[CV 4/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-47.109, test=-3492.746)
total time= 6.1s
[CV 2/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.164, test=-3411.760)
total time= 15.2s
[CV 4/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-67.412, test=-3689.204)
total time= 6.1s
[CV 2/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500;; score=(train=-0.198, test=-3288.155)
total time= 15.2s
[CV 4/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-60.118, test=-3699.332)
total time= 6.1s
[CV 2/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.389, test=-3504.607)
total time= 15.2s
[CV 3/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-53.598, test=-3643.469)
total time= 6.1s
[CV 1/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.272, test=-3475.945)
total time= 15.1s
[CV 2/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-72.754, test=-3318.493)
total time= 6.2s
[CV 5/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-23.962, test=-3314.304)
total time= 7.6s
[CV 3/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1643.510, test=-3294.208)
total time= 0.6s
[CV 1/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-950.898, test=-3357.554)
total time= 1.5s
[CV 4/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-931.977, test=-3335.512)
total time= 1.5s
[CV 2/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 2/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-419.594, test=-3318.893)
total time= 3.0s
[CV 5/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-364.268, test=-3273.128)
total time= 3.0s
[CV 1/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-24.401, test=-3492.696)
total time= 7.6s
[CV 4/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.273, test=-3555.113)
total time= 24.6s
[CV 2/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-30.344, test=-3419.579)
total time= 15.3s
[CV 5/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.366, test=-3498.550)
total time= 30.3s
[CV 3/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-38.428, test=-3607.312)
total time= 15.1s
[CV 1/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2104.254, test=-2713.379)
total time= 0.6s
[CV 1/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.299, test=-3454.551)
total time= 15.2s
[CV 2/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-72.754, test=-3296.821)

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total time= 6.1s
[CV 5/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-23.962, test=-3332.430)
total time= 7.5s
[CV 3/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1643.510, test=-3301.642)
total time= 0.6s
[CV 1/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-950.898, test=-3352.497)
total time= 1.5s
[CV 4/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-931.977, test=-3327.619)
total time= 1.5s
[CV 2/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-419.594, test=-3287.180)
total time= 3.0s
[CV 5/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-364.268, test=-3268.906)
total time= 3.0s
[CV 1/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-24.401, test=-3469.378)
total time= 7.8s
[CV 4/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.273, test=-3546.200)
total time= 15.1s
[CV 2/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-27.820, test=-3277.305)
total time= 7.6s
[CV 5/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

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[CV 5/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.308, test=-3355.751)
total time= 26.1s
[CV 3/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-28.707, test=-3496.541)
total time= 15.3s
[CV 1/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2104.254, test=-2713.379)
total time= 0.6s
[CV 2/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2186.671, test=-2641.657)
total time= 0.6s
[CV 3/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2080.501, test=-2923.718)
total time= 0.6s
[CV 5/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2074.205, test=-2990.157)
total time= 0.6s
[CV 2/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1789.763, test=-2815.223)
total time= 1.2s
[CV 4/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1704.703, test=-3108.134)
total time= 1.2s
[CV 2/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1032.317, test=-3189.010)
total time= 3.0s
[CV 5/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-941.369, test=-3267.391)
total time= 3.0s

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[CV 3/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-465.492, test=-3553.946)
total time= 6.1s
[CV 1/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-88.300, test=-3485.041)
total time= 12.2s
[CV 4/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-33.488, test=-3393.694)
total time= 15.2s
[CV 5/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2074.205, test=-2985.460)
total time= 0.6s
[CV 2/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1789.763, test=-2822.218)
total time= 1.2s
[CV 4/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1704.703, test=-3120.753)
total time= 1.2s
[CV 2/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1032.317, test=-3193.468)
total time= 3.1s
[CV 4/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-996.148, test=-3334.423)
total time= 3.0s
[CV 3/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-991.735, test=-3350.927)
total time= 1.5s
[CV 1/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-337.094, test=-3564.434)
total time= 3.0s

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[CV 4/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-418.014, test=-3624.797)
total time= 3.0s

[CV 3/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-61.545, test=-3346.459)
total time= 6.1s

[CV 1/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.199, test=-3592.199)
total time= 15.1s

[CV 2/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-74.825, test=-3511.202)
total time= 6.1s

[CV 5/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-24.383, test=-3690.508)
total time= 7.6s

[CV 2/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1741.711, test=-2870.952)
total time= 0.6s

[CV 5/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1691.624, test=-3181.579)
total time= 0.6s

[CV 3/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-939.078, test=-3544.594)
total time= 1.5s

[CV 1/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-360.567, test=-3432.335)
total time= 3.0s

[CV 4/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100;; score=(train=-387.833, test=-3563.552)
total time= 3.0s
[CV 5/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-59.730, test=-3332.717)
total time= 6.1s
[CV 3/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.243, test=-3641.984)
total time= 15.1s
[CV 5/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-59.730, test=-3309.890)
total time= 6.3s
[CV 3/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.243, test=-3669.425)
total time= 15.6s
[CV 4/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-61.730, test=-3581.873)
total time= 6.1s
[CV 2/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.326, test=-3318.798)
total time= 22.1s
[CV 2/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-70.860, test=-3372.312)
total time= 12.1s
[CV 5/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-26.959, test=-3521.654)
total time= 15.4s
[CV 5/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1672.112, test=-3181.879)
total time= 1.2s
[CV 3/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50
[CV 3/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1064.897, test=-3429.936)
total time= 3.0s
[CV 1/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-424.553, test=-3453.401)
total time= 6.1s
[CV 4/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-411.886, test=-3389.193)
total time= 6.1s
[CV 5/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-78.150, test=-3276.949)
total time= 12.1s
[CV 3/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.752, test=-3618.809)
total time= 30.4s
[CV 4/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-77.520, test=-3380.323)
total time= 12.1s
[CV 2/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.564, test=-3260.130)
total time= 30.5s
[CV 4/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-77.520, test=-3393.129)
total time= 12.5s
[CV 1/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-971.262, test=-3277.507)
total time= 2.7s
[CV 5/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-974.934, test=-3403.716)

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total time= 3.0s
[CV 3/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-386.611, test=-3467.617)
total time= 5.9s
[CV 1/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-74.974, test=-3308.752)
total time= 12.1s
[CV 4/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-25.900, test=-3362.332)
total time= 15.0s
[CV 4/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2082.024, test=-2897.242)
total time= 0.6s
[CV 1/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1776.858, test=-2975.228)
total time= 1.2s
[CV 3/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1724.490, test=-3151.384)
total time= 1.2s
[CV 1/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1042.934, test=-3342.195)
total time= 3.0s
[CV 4/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-996.148, test=-3309.254)
total time= 3.0s
[CV 2/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-454.609, test=-3252.477)
total time= 6.1s
[CV 5/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

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[CV 5/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-414.462, test=-3296.040)
total time= 6.1s
[CV 1/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-41.080, test=-3478.063)
total time= 15.2s
[CV 4/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.507, test=-3404.362)
total time= 30.8s
[CV 2/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-35.921, test=-3248.974)
total time= 15.1s
[CV 5/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.650, test=-3280.442)
total time= 31.2s
[CV 3/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-38.428, test=-3606.880)
total time= 15.4s
[CV 1/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2104.254, test=-2712.973)
total time= 0.8s
[CV 2/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2186.671, test=-2659.009)
total time= 0.9s
[CV 4/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2082.024, test=-2886.729)
total time= 0.9s
[CV 1/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1776.858, test=-2975.686)
total time= 1.8s

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[CV 4/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1704.703, test=-3108.134)
total time= 1.8s
[CV 2/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1032.317, test=-3200.926)
total time= 4.6s
[CV 5/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-941.369, test=-3250.634)
total time= 4.5s
[CV 3/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-465.492, test=-3600.248)
total time= 9.1s
[CV 1/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-88.300, test=-3486.619)
total time= 18.2s
[CV 4/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-33.488, test=-3417.081)
total time= 22.9s
[CV 3/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2059.446, test=-3005.866)
total time= 0.9s
[CV 5/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2052.847, test=-3017.625)
total time= 0.9s
[CV 2/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-903.796, test=-3239.222)
total time= 3.0s
[CV 2/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100;; score=(train=-384.397, test=-3324.701)
total time= 6.1s
[CV 5/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-404.350, test=-3503.263)
total time= 6.1s
[CV 1/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-31.395, test=-3259.454)
total time= 15.0s
[CV 4/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.338, test=-3375.068)
total time= 30.2s
[CV 2/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-35.921, test=-3257.367)
total time= 15.1s
[CV 5/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.650, test=-3273.170)
total time= 29.8s
[CV 3/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-38.428, test=-3571.569)
total time= 15.1s
[CV 1/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2104.254, test=-2713.756)
total time= 0.6s
[CV 2/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2186.671, test=-2641.657)
total time= 0.6s
[CV 3/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2080.501, test=-2923.718)
total time= 0.6s
[CV 4/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10
[CV 4/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2082.024, test=-2897.242)
total time= 0.6s
[CV 1/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1776.858, test=-2975.686)
total time= 1.2s
[CV 3/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1724.490, test=-3201.422)
total time= 1.2s
[CV 1/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1042.934, test=-3342.342)
total time= 3.0s
[CV 4/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-996.148, test=-3347.595)
total time= 3.1s
[CV 2/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-454.609, test=-3229.811)
total time= 6.0s
[CV 5/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-414.462, test=-3299.957)
total time= 6.1s
[CV 1/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-41.080, test=-3482.489)
total time= 15.2s
[CV 4/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.507, test=-3405.255)
total time= 42.0s
[CV 2/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-35.921, test=-3260.485)

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total time= 22.7s
[CV 5/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.650, test=-3281.484)
total time= 45.3s
[CV 3/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-48.180, test=-3461.613)
total time= 22.6s
[CV 1/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2053.702, test=-2753.746)
total time= 0.9s
[CV 2/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2194.152, test=-2620.661)
total time= 1.0s
[CV 3/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2059.446, test=-3005.866)
total time= 0.9s
[CV 4/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2062.411, test=-2906.561)
total time= 0.9s
[CV 5/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2052.847, test=-3017.625)
total time= 0.9s
[CV 2/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1840.903, test=-2904.571)
total time= 1.8s
[CV 2/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2186.671, test=-2659.009)
total time= 0.6s
[CV 3/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

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[CV 3/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2080.501, test=-2923.718)
total time= 0.6s
[CV 4/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2082.024, test=-2902.656)
total time= 0.6s
[CV 1/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1776.858, test=-2975.555)
total time= 1.2s
[CV 3/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1724.490, test=-3151.384)
total time= 1.2s
[CV 1/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1042.934, test=-3342.342)
total time= 3.2s
[CV 5/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-941.369, test=-3246.777)
total time= 3.0s
[CV 3/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-465.492, test=-3598.841)
total time= 6.2s
[CV 5/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-414.462, test=-3291.347)
total time= 6.1s
[CV 1/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-41.080, test=-3480.285)
total time= 15.2s
[CV 4/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.507, test=-3402.482)
total time= 31.1s

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[CV 2/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-35.921, test=-3257.194)
total time= 15.4s
[CV 5/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.650, test=-3266.473)
total time= 44.2s
[CV 3/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-38.428, test=-3609.752)
total time= 22.8s
[CV 1/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2053.702, test=-2753.746)
total time= 0.9s
[CV 2/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2194.152, test=-2620.661)
total time= 0.9s
[CV 4/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2062.411, test=-2915.191)
total time= 1.0s
[CV 1/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1754.001, test=-2900.721)
total time= 1.9s
[CV 4/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1737.380, test=-3002.506)
total time= 1.9s
[CV 2/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1085.290, test=-3198.424)
total time= 4.6s
[CV 5/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50;; score=(train=-1066.870, test=-3359.868)
total time= 4.6s
[CV 3/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-529.437, test=-3414.102)
total time= 9.2s
[CV 1/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-104.439, test=-3298.095)
total time= 18.1s
[CV 4/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-36.330, test=-3430.273)
total time= 22.7s
[CV 1/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1754.001, test=-2900.721)
total time= 1.8s
[CV 3/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1725.643, test=-3176.032)
total time= 1.8s
[CV 1/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1024.103, test=-3117.659)
total time= 4.5s
[CV 4/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1010.964, test=-3239.542)
total time= 4.6s
[CV 2/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-457.504, test=-3253.704)
total time= 9.1s
[CV 2/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.326, test=-3333.738)
total time= 15.1s
[CV 3/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200
[CV 3/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-53.598, test=-3644.630)
total time= 6.5s
[CV 2/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.326, test=-3268.354)
total time= 15.8s
[CV 5/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-59.730, test=-3359.352)
total time= 6.1s
[CV 3/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.243, test=-3641.481)
total time= 22.6s
[CV 4/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-63.235, test=-3397.555)
total time= 12.2s
[CV 2/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.492, test=-3454.272)
total time= 30.5s
[CV 3/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-87.022, test=-3617.416)
total time= 12.1s
[CV 1/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.749, test=-3494.212)
total time= 30.5s
[CV 3/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-87.022, test=-3609.874)
total time= 12.1s
[CV 1/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.749, test=-3485.407)

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total time= 30.6s
[CV 2/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-81.620, test=-3275.629)
total time= 12.7s
[CV 5/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-33.735, test=-3284.117)
total time= 16.5s
[CV 3/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1724.490, test=-3162.923)
total time= 1.9s
[CV 1/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1042.934, test=-3342.195)
total time= 4.6s
[CV 4/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-996.148, test=-3332.328)
total time= 4.6s
[CV 2/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-454.609, test=-3240.305)
total time= 9.1s
[CV 5/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-414.462, test=-3292.206)
total time= 9.1s
[CV 1/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-41.080, test=-3474.026)
total time= 22.8s
[CV 4/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.507, test=-3412.606)
total time= 45.6s
[CV 2/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

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[CV 2/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-45.124, test=-3295.038)
total time= 22.6s
[CV 5/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1.069, test=-3518.911)
total time= 45.5s
[CV 3/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-48.180, test=-3463.743)
total time= 22.7s
[CV 1/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2053.702, test=-2743.958)
total time= 0.9s
[CV 3/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2059.446, test=-3005.866)
total time= 0.9s
[CV 5/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2052.847, test=-3017.625)
total time= 0.9s
[CV 2/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1840.903, test=-2902.539)
total time= 1.8s
[CV 5/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1735.679, test=-3195.755)
total time= 1.8s
[CV 3/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1067.531, test=-3405.563)
total time= 4.5s
[CV 2/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-454.609, test=-3225.648)
total time= 6.2s

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[CV 1/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-88.300, test=-3483.084)
total time= 12.2s
[CV 4/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-33.488, test=-3383.297)
total time= 15.2s
[CV 5/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2074.205, test=-2983.895)
total time= 0.6s
[CV 2/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1789.763, test=-2831.833)
total time= 1.2s
[CV 4/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1704.703, test=-3119.768)
total time= 1.2s
[CV 2/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1032.317, test=-3187.397)
total time= 3.0s
[CV 5/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-941.369, test=-3264.102)
total time= 3.1s
[CV 3/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-465.492, test=-3554.737)
total time= 6.1s
[CV 1/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-88.300, test=-3483.041)
total time= 13.0s
[CV 4/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-33.488, test=-3387.239)
total time= 15.4s
[CV 3/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2080.501, test=-2923.718)
total time= 0.9s
[CV 5/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2074.205, test=-2988.522)
total time= 0.9s
[CV 2/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1789.763, test=-2822.218)
total time= 1.8s
[CV 5/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1672.112, test=-3185.485)
total time= 1.8s
[CV 3/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1064.897, test=-3417.783)
total time= 4.6s
[CV 1/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-424.553, test=-3445.644)
total time= 9.1s
[CV 4/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-411.886, test=-3395.300)
total time= 9.1s
[CV 4/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-77.520, test=-3382.939)
total time= 18.3s
[CV 2/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.564, test=-3239.026)
total time= 45.4s
[CV 3/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200
[CV 3/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-102.242, test=-3450.578)
total time= 17.9s
[CV 1/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1.257, test=-3310.403)
total time= 45.2s
[CV 2/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-94.114, test=-3304.668)
total time= 18.2s
[CV 5/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-45.267, test=-3533.937)
total time= 22.7s
[CV 3/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1725.643, test=-3176.032)
total time= 1.8s
[CV 1/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1024.103, test=-3124.160)
total time= 4.5s
[CV 4/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1010.964, test=-3236.975)
total time= 4.6s
[CV 2/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-457.504, test=-3306.607)
total time= 9.1s
[CV 5/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-474.506, test=-3457.611)
total time= 9.1s
[CV 4/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-387.833, test=-3542.760)

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total time= 3.0s
[CV 3/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-53.598, test=-3644.823)
total time= 6.1s
[CV 1/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.272, test=-3481.018)
total time= 22.3s
[CV 3/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-68.910, test=-3470.650)
total time= 12.1s
[CV 1/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.490, test=-3289.250)
total time= 30.5s
[CV 2/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-81.620, test=-3263.778)
total time= 12.1s
[CV 5/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-33.735, test=-3272.049)
total time= 15.1s
[CV 5/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1672.112, test=-3184.489)
total time= 1.2s
[CV 3/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1064.897, test=-3422.705)
total time= 3.1s
[CV 1/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-424.553, test=-3448.304)
total time= 6.2s
[CV 4/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

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[CV 4/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-411.886, test=-3404.979)
total time= 6.1s
[CV 5/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-78.150, test=-3288.552)
total time= 12.1s
[CV 3/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.752, test=-3625.373)
total time= 30.4s
[CV 3/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-87.022, test=-3608.031)
total time= 12.7s
[CV 2/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.564, test=-3251.416)
total time= 39.7s
[CV 3/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-87.022, test=-3603.652)
total time= 18.2s
[CV 1/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.749, test=-3483.988)
total time= 45.5s
[CV 2/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-94.114, test=-3286.405)
total time= 18.4s
[CV 5/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-45.267, test=-3527.089)
total time= 22.8s
[CV 4/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1737.380, test=-3016.736)
total time= 1.8s

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[CV 2/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1085.290, test=-3193.383)
total time= 4.6s
[CV 1/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-460.480, test=-3250.117)
total time= 9.1s
[CV 4/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-430.047, test=-3393.131)
total time= 9.1s
[CV 4/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-81.163, test=-3430.025)
total time= 18.2s
[CV 2/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.096, test=-3326.436)
total time= 45.2s
[CV 3/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-102.242, test=-3456.592)
total time= 15.7s
[CV 1/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.257, test=-3305.332)
total time= 37.8s
[CV 4/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-430.047, test=-3395.225)
total time= 7.9s
[CV 3/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-102.242, test=-3472.761)
total time= 18.1s
[CV 2/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.564, test=-3273.839)
total time= 30.3s

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[CV 2/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-81.620, test=-3259.886)
total time= 12.1s
[CV 5/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-33.735, test=-3276.133)
total time= 15.2s
[CV 5/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1672.112, test=-3185.485)
total time= 1.2s
[CV 3/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1064.897, test=-3422.705)
total time= 3.2s
[CV 1/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-424.553, test=-3446.137)
total time= 6.1s
[CV 4/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-411.886, test=-3384.122)
total time= 6.1s
[CV 5/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-78.150, test=-3270.027)
total time= 12.9s
[CV 3/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.752, test=-3614.509)
total time= 40.2s
[CV 5/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-78.150, test=-3271.670)
total time= 18.2s
[CV 3/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=500;; score=(train=-0.752, test=-3612.931)
total time= 45.5s
[CV 4/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-81.163, test=-3443.173)
total time= 18.2s
[CV 2/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1.096, test=-3299.962)
total time= 45.5s
[CV 3/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-102.242, test=-3459.826)
total time= 18.1s
[CV 1/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.257, test=-3314.518)
total time= 45.2s
[CV 2/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-94.114, test=-3327.451)
total time= 15.8s
[CV 5/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-45.267, test=-3550.273)
total time= 18.8s
[CV 3/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2059.446, test=-2998.744)
total time= 0.8s
[CV 5/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2052.847, test=-3017.625)
total time= 0.7s
[CV 1/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1754.001, test=-2900.721)
total time= 1.5s
[CV 3/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 3/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1725.643, test=-3171.311)
total time= 1.5s
[CV 1/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1024.103, test=-3118.929)
total time= 3.7s
[CV 4/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1010.964, test=-3242.168)
total time= 3.8s
[CV 2/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-457.504, test=-3258.934)
total time= 7.6s
[CV 5/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-474.506, test=-3471.802)
total time= 8.1s
[CV 4/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-81.163, test=-3441.308)
total time= 18.0s
[CV 2/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1.096, test=-3307.430)
total time= 45.0s
[CV 5/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-4.286, test=-3910.137)
total time= 14.7s
[CV 3/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3643.962)
total time= 36.7s
[CV 1/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.749, test=-3490.580)
total time= 39.6s
[CV 2/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200
[CV 2/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-81.620, test=-3253.964)
total time= 18.3s
[CV 5/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-33.735, test=-3281.713)
total time= 22.8s
[CV 3/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1725.643, test=-3161.847)
total time= 1.8s
[CV 1/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1024.103, test=-3114.200)
total time= 4.5s
[CV 4/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1010.964, test=-3243.854)
total time= 4.5s
[CV 2/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-457.504, test=-3253.581)
total time= 9.1s
[CV 5/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-474.506, test=-3468.607)
total time= 9.1s
[CV 1/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-48.484, test=-3294.731)
total time= 22.7s
[CV 4/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.781, test=-3431.890)
total time= 45.5s
[CV 2/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-45.124, test=-3297.874)

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total time= 22.6s
[CV 5/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.069, test=-3531.519)
total time= 45.8s
[CV 4/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-36.330, test=-3428.303)
total time= 24.0s
[CV 4/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1737.380, test=-3014.225)
total time= 2.0s
[CV 3/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1067.531, test=-3413.986)
total time= 4.3s
[CV 5/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1066.870, test=-3356.863)
total time= 4.5s
[CV 3/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-529.437, test=-3439.117)
total time= 9.3s
[CV 2/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-94.114, test=-3289.337)
total time= 18.2s
[CV 4/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-36.330, test=-3429.201)
total time= 22.7s
[CV 4/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1305.220, test=-3194.803)
total time= 1.5s
[CV 2/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 2/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-726.473, test=-3406.257)
total time= 3.0s
[CV 5/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-743.535, test=-3862.625)
total time= 3.0s
[CV 3/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-77.436, test=-3608.375)
total time= 7.3s
[CV 1/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-3.784, test=-3623.049)
total time= 14.8s
[CV 1/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.005, test=-3564.501)
total time= 29.5s
[CV 4/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3479.200)
total time= 37.0s
[CV 5/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-664.018, test=-3624.607)
total time= 3.0s
[CV 3/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-94.755, test=-3572.572)
total time= 7.4s
[CV 1/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-5.070, test=-3638.044)
total time= 14.8s
[CV 4/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20;; score=(train=-1735.679, test=-3195.755)
total time= 1.8s
[CV 3/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1067.531, test=-3418.868)
total time= 4.5s
[CV 5/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1066.870, test=-3373.073)
total time= 4.5s
[CV 3/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-529.437, test=-3440.310)
total time= 9.0s
[CV 1/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-104.439, test=-3311.687)
total time= 18.1s
[CV 4/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-36.330, test=-3426.937)
total time= 22.6s
[CV 2/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2194.152, test=-2620.661)
total time= 0.9s
[CV 4/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2062.411, test=-2906.561)
total time= 0.9s
[CV 1/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1754.001, test=-2898.831)
total time= 1.8s
[CV 4/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1737.380, test=-3004.845)
total time= 1.8s
[CV 2/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50
[CV 2/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1085.290, test=-3188.886)
total time= 4.5s
[CV 5/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1066.870, test=-3363.799)
total time= 4.5s
[CV 3/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-529.437, test=-3435.346)
total time= 9.0s
[CV 1/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-104.439, test=-3316.760)
total time= 16.4s
[CV 3/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-48.180, test=-3462.451)
total time= 18.9s
[CV 5/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.069, test=-3532.010)
total time= 39.8s
[CV 2/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-45.124, test=-3309.558)
total time= 22.7s
[CV 5/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1.069, test=-3522.691)
total time= 44.9s
[CV 1/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3569.655)
total time= 36.6s
[CV 4/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3415.764)

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total time= 1.2min
[CV 3/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3533.090)
total time= 36.9s
[CV 1/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1471.185, test=-3019.707)
total time= 1.5s
[CV 2/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1462.941, test=-3055.600)
total time= 1.5s
[CV 3/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1491.366, test=-3223.388)
total time= 1.5s
[CV 4/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1399.221, test=-3512.471)
total time= 1.5s
[CV 1/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-844.106, test=-3224.011)
total time= 3.0s
[CV 3/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-831.767, test=-3476.359)
total time= 3.0s
[CV 5/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-730.295, test=-3473.226)
total time= 3.0s
[CV 2/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-169.975, test=-3311.290)
total time= 7.4s
[CV 2/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1840.903, test=-2901.726)

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total time= 1.8s
[CV 5/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1735.679, test=-3195.755)
total time= 1.9s
[CV 3/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1067.531, test=-3425.799)
total time= 4.6s
[CV 1/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-460.480, test=-3245.966)
total time= 9.1s
[CV 4/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-430.047, test=-3397.004)
total time= 9.2s
[CV 5/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-95.155, test=-3548.577)
total time= 18.3s
[CV 3/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1.525, test=-3470.043)
total time= 45.5s
[CV 5/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-95.155, test=-3531.721)
total time= 18.2s
[CV 3/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.525, test=-3472.958)
total time= 45.4s
[CV 4/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-81.163, test=-3445.281)
total time= 18.3s
[CV 2/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

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[CV 2/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.096, test=-3317.216)
total time= 47.0s
[CV 5/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-95.155, test=-3532.337)
total time= 18.1s
[CV 3/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1.525, test=-3454.119)
total time= 45.3s
[CV 2/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.007, test=-3349.630)
total time= 29.5s
[CV 5/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3972.531)
total time= 36.8s
[CV 1/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-113.110, test=-3484.648)
total time= 7.4s
[CV 4/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-101.416, test=-3565.907)
total time= 7.4s
[CV 2/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-3.964, test=-3265.183)
total time= 14.7s
[CV 1/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.007, test=-3448.314)
total time= 29.6s
[CV 4/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3502.879)
total time= 36.8s

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[CV 5/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1281.756, test=-3350.026)
total time= 1.5s
[CV 2/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-894.667, test=-3222.298)
total time= 2.9s
[CV 4/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-717.104, test=-3766.049)
total time= 3.0s
[CV 1/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-150.511, test=-3398.083)
total time= 7.4s
[CV 4/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-134.320, test=-3837.855)
total time= 7.3s
[CV 2/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-10.352, test=-3353.085)
total time= 14.6s
[CV 5/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-10.439, test=-3484.130)
total time= 14.7s
[CV 1/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3408.609)
total time= 36.7s
[CV 4/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3859.785)
total time= 1.2min
[CV 2/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=100
[CV 5/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-474.506, test=-3446.809)
total time= 9.1s
[CV 1/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-48.484, test=-3302.429)
total time= 22.7s
[CV 4/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.781, test=-3435.825)
total time= 45.6s
[CV 2/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-45.124, test=-3294.558)
total time= 23.6s
[CV 1/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2053.702, test=-2753.746)
total time= 1.1s
[CV 2/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2194.152, test=-2620.661)
total time= 1.0s
[CV 4/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2062.411, test=-2915.191)
total time= 1.0s
[CV 2/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1840.903, test=-2901.726)
total time= 2.0s
[CV 5/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1735.679, test=-3197.680)
total time= 1.8s
[CV 2/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1085.290, test=-3209.483)

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total time= 4.8s
[CV 1/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-460.480, test=-3250.536)
total time= 9.4s
[CV 1/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-104.439, test=-3310.625)
total time= 18.3s
[CV 3/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-48.180, test=-3462.823)
total time= 22.7s
[CV 1/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1237.013, test=-3099.350)
total time= 1.5s
[CV 2/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1522.840, test=-3065.756)
total time= 1.5s
[CV 3/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1319.446, test=-3421.923)
total time= 1.5s
[CV 1/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-697.837, test=-3380.838)
total time= 3.0s
[CV 4/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-591.270, test=-3431.443)
total time= 2.9s
[CV 2/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-124.587, test=-3367.715)
total time= 7.4s
[CV 5/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

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[CV 5/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-105.117, test=-4042.132)
total time= 7.4s
[CV 3/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-3.019, test=-3555.892)
total time= 14.7s
[CV 4/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.004, test=-3432.143)
total time= 29.5s
[CV 2/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3239.754)
total time= 1.2min
[CV 5/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.005, test=-3691.670)
total time= 29.6s
[CV 3/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3636.054)
total time= 1.2min
[CV 5/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.035, test=-3482.852)
total time= 29.5s
[CV 3/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3486.242)
total time= 1.2min
[CV 5/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.069, test=-3649.096)
total time= 29.2s
[CV 3/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3704.696)
total time= 1.2min

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[CV 1/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-460.480, test=-3247.073)
total time= 9.1s
[CV 4/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-430.047, test=-3400.215)
total time= 9.1s
[CV 5/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-95.155, test=-3540.931)
total time= 19.1s
[CV 3/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.525, test=-3449.257)
total time= 47.7s
[CV 1/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-48.484, test=-3304.540)
total time= 22.6s
[CV 4/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.781, test=-3441.575)
total time= 45.4s
[CV 5/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.006, test=-3916.311)
total time= 29.5s
[CV 3/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3530.363)
total time= 1.3min
[CV 1/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3539.033)
total time= 36.9s
[CV 4/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3574.855)
total time= 1.2min
[CV 2/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3349.315)
total time= 36.6s
[CV 5/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3490.315)
total time= 1.2min
[CV 3/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.010, test=-3739.555)
total time= 36.5s
[CV 1/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1458.898, test=-3154.894)
total time= 1.5s
[CV 2/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1546.930, test=-2936.861)
total time= 1.5s
[CV 3/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1445.382, test=-3288.445)
total time= 1.5s
[CV 4/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1423.548, test=-3228.415)
total time= 1.5s
[CV 5/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1477.428, test=-3275.113)
total time= 1.5s
[CV 2/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-847.424, test=-3165.186)
total time= 3.0s
[CV 4/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20
[CV 4/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-848.800, test=-3492.603)
total time= 3.0s
[CV 2/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-145.297, test=-3285.311)
total time= 7.2s
[CV 5/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-164.970, test=-3635.559)
total time= 7.3s
[CV 3/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-11.949, test=-3520.701)
total time= 14.6s
[CV 1/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.050, test=-3576.764)
total time= 29.0s
[CV 4/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.004, test=-3564.481)
total time= 36.1s
[CV 4/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1423.548, test=-3219.253)
total time= 1.5s
[CV 1/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-811.166, test=-3378.021)
total time= 2.9s
[CV 3/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-812.003, test=-3525.286)
total time= 2.9s
[CV 1/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-149.083, test=-3575.979)

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total time= 7.3s
[CV 1/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1.257, test=-3319.033)
total time= 45.0s
[CV 4/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-3.230, test=-3441.911)
total time= 14.7s
[CV 2/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3271.217)
total time= 36.8s
[CV 5/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3913.221)
total time= 1.2min
[CV 2/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3245.957)
total time= 36.8s
[CV 5/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3684.335)
total time= 1.2min
[CV 3/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3433.717)
total time= 36.8s
[CV 1/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1527.908, test=-2979.695)
total time= 1.5s
[CV 3/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1520.995, test=-3334.517)
total time= 1.5s
[CV 5/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

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[CV 5/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1364.281, test=-3391.909)
total time= 1.5s
[CV 2/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-886.074, test=-3290.983)
total time= 3.0s
[CV 4/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-920.726, test=-3306.283)
total time= 3.0s
[CV 2/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-204.899, test=-3426.878)
total time= 7.4s
[CV 5/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-162.603, test=-3624.023)
total time= 7.3s
[CV 3/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-20.178, test=-3689.143)
total time= 14.7s
[CV 1/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.103, test=-3316.036)
total time= 29.3s
[CV 4/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.008, test=-3409.690)
total time= 36.9s
[CV 1/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-811.166, test=-3386.565)
total time= 3.0s
[CV 3/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-812.003, test=-3518.246)
total time= 3.0s

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[CV 1/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-149.083, test=-3528.178)
total time= 7.3s
[CV 4/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-179.952, test=-3510.205)
total time= 7.3s
[CV 2/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-9.494, test=-3300.902)
total time= 14.7s
[CV 5/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-9.284, test=-3639.625)
total time= 14.7s
[CV 1/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.003, test=-3548.713)
total time= 36.6s
[CV 4/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3538.730)
total time= 1.2min
[CV 2/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.003, test=-3305.998)
total time= 36.6s
[CV 5/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3614.851)
total time= 1.2min
[CV 3/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3559.841)
total time= 36.7s
[CV 1/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-1501.818, test=-3144.116)
total time= 1.5s
[CV 4/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-3.729, test=-3527.163)
total time= 15.7s
[CV 2/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.006, test=-3250.478)
total time= 29.6s
[CV 5/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3816.904)
total time= 36.6s
[CV 3/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-155.549, test=-3494.828)
total time= 7.3s
[CV 1/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-9.933, test=-3406.229)
total time= 14.7s
[CV 4/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-6.653, test=-3918.413)
total time= 14.6s
[CV 2/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.036, test=-3370.375)
total time= 29.3s
[CV 5/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3482.261)
total time= 36.8s
[CV 5/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-782.030, test=-3506.184)
total time= 2.9s
[CV 3/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50;; score=(train=-214.742, test=-3736.424)
total time= 7.4s
[CV 1/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-12.719, test=-3293.509)
total time= 14.6s
[CV 4/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-15.048, test=-3350.229)
total time= 14.6s
[CV 4/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.086, test=-3386.762)
total time= 29.2s
[CV 2/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3384.321)
total time= 1.2min
[CV 3/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.034, test=-3555.249)
total time= 29.0s
[CV 1/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3552.809)
total time= 1.2min
[CV 2/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.041, test=-3293.403)
total time= 29.0s
[CV 5/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.002, test=-3671.148)
total time= 36.3s
[CV 4/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-848.800, test=-3448.800)
total time= 2.9s
[CV 2/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50
[CV 2/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-145.297, test=-3294.728)
total time= 7.3s
[CV 5/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-164.970, test=-3596.539)
total time= 7.3s
[CV 3/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-11.949, test=-3558.385)
total time= 14.7s
[CV 1/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.050, test=-3525.017)
total time= 29.2s
[CV 4/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.004, test=-3560.519)
total time= 36.6s
[CV 3/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1509.897, test=-3213.012)
total time= 1.5s
[CV 5/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1407.747, test=-3368.882)
total time= 1.5s
[CV 2/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-916.460, test=-3120.005)
total time= 2.9s
[CV 5/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-752.430, test=-3464.616)
total time= 3.1s
[CV 3/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-187.544, test=-3508.414)

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total time= 7.3s
[CV 1/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1330.493, test=-3072.850)
total time= 1.5s
[CV 2/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1519.517, test=-3003.292)
total time= 1.5s
[CV 3/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1368.552, test=-3347.845)
total time= 1.5s
[CV 4/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1420.896, test=-3193.307)
total time= 1.5s
[CV 5/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1354.712, test=-3449.883)
total time= 1.4s
[CV 1/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-710.561, test=-3414.073)
total time= 3.0s
[CV 2/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-756.750, test=-3075.775)
total time= 3.0s
[CV 3/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-691.059, test=-3490.135)
total time= 3.0s
[CV 4/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-713.972, test=-3534.748)
total time= 3.0s

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[CV 2/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-98.620, test=-3278.694)
total time= 7.3s
[CV 5/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-89.329, test=-3768.480)
total time= 7.4s
[CV 3/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-3.755, test=-3601.378)
total time= 14.1s
[CV 5/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2.910, test=-3713.488)
total time= 12.1s
[CV 4/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.006, test=-3532.536)
total time= 29.5s
[CV 2/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3125.961)
total time= 1.2min
[CV 4/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.029, test=-3858.000)
total time= 29.4s
[CV 2/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3351.347)
total time= 1.2min
[CV 3/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.138, test=-3733.037)
total time= 29.5s
[CV 1/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3320.522)
total time= 1.2min
[CV 2/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.041, test=-3316.906)
total time= 29.2s
[CV 5/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.002, test=-3623.029)
total time= 36.6s
[CV 5/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-837.845, test=-3485.892)
total time= 2.9s
[CV 3/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-191.108, test=-3544.974)
total time= 7.3s
[CV 1/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-9.081, test=-3548.313)
total time= 14.6s
[CV 4/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-13.074, test=-3567.475)
total time= 14.7s
[CV 4/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.064, test=-3538.047)
total time= 29.3s
[CV 2/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3361.667)
total time= 1.2min
[CV 3/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.034, test=-3510.155)
total time= 29.2s
[CV 1/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500
[CV 1/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3562.742)
total time= 1.2min
[CV 5/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-136.616, test=-3481.502)
total time= 7.4s
[CV 3/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-8.287, test=-3497.550)
total time= 14.7s
[CV 1/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.029, test=-3353.549)
total time= 29.4s
[CV 4/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3873.015)
total time= 36.8s
[CV 2/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1519.087, test=-3054.755)
total time= 1.5s
[CV 4/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1462.803, test=-3131.207)
total time= 1.5s
[CV 1/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-886.643, test=-3249.377)
total time= 2.9s
[CV 3/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-836.187, test=-3605.488)
total time= 3.0s
[CV 1/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-173.356, test=-3382.555)

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total time= 7.4s
[CV 4/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-186.977, test=-3404.989)
total time= 7.4s
[CV 2/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-16.788, test=-3467.889)
total time= 14.7s
[CV 5/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-12.455, test=-3659.805)
total time= 14.7s
[CV 1/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.007, test=-3353.121)
total time= 36.5s
[CV 4/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3377.460)
total time= 1.2min
[CV 2/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.003, test=-3280.940)
total time= 36.5s
[CV 5/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3621.864)
total time= 1.2min
[CV 3/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.002, test=-3555.195)
total time= 36.5s
[CV 1/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1458.898, test=-3148.053)
total time= 1.5s
[CV 3/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 3/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1445.382, test=-3304.727)
total time= 1.5s
[CV 5/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1477.428, test=-3244.898)
total time= 1.5s
[CV 2/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-847.424, test=-3128.003)
total time= 2.9s
[CV 5/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-837.845, test=-3492.341)
total time= 2.9s
[CV 3/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-191.108, test=-3552.525)
total time= 7.4s
[CV 1/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-9.081, test=-3577.413)
total time= 14.6s
[CV 4/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-13.074, test=-3513.876)
total time= 14.7s
[CV 5/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.029, test=-3602.431)
total time= 29.3s
[CV 3/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3527.319)
total time= 1.2min
[CV 4/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.107, test=-3470.384)
total time= 29.3s

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[CV 2/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3175.817)
total time= 1.2min

[CV 1/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-48.484, test=-3299.716)
total time= 24.3s

[CV 4/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.781, test=-3424.677)
total time= 46.7s

[CV 5/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-45.267, test=-3517.303)
total time= 22.8s

[CV 5/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1288.888, test=-3755.106)
total time= 1.5s

[CV 3/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-707.235, test=-3506.983)
total time= 3.0s

[CV 1/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-103.962, test=-3550.165)
total time= 7.3s

[CV 4/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-86.426, test=-3399.380)
total time= 7.3s

[CV 2/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-5.063, test=-3362.035)
total time= 14.7s

[CV 3/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-0.005, test=-3617.762)
total time= 29.4s
[CV 1/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3503.011)
total time= 1.2min
[CV 3/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.007, test=-3664.211)
total time= 29.6s
[CV 1/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3416.651)
total time= 1.2min
[CV 3/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.028, test=-3488.310)
total time= 29.3s
[CV 1/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3376.690)
total time= 1.2min
[CV 2/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.122, test=-3414.099)
total time= 29.5s
[CV 5/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.006, test=-3647.853)
total time= 37.0s
[CV 5/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-837.845, test=-3505.394)
total time= 3.0s
[CV 3/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-191.108, test=-3543.271)
total time= 7.4s
[CV 1/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 1/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-9.081, test=-3559.999)
total time= 14.6s
[CV 4/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-13.074, test=-3544.286)
total time= 14.7s
[CV 5/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.029, test=-3628.974)
total time= 29.3s
[CV 3/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3574.432)
total time= 1.2min
[CV 5/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.029, test=-3614.506)
total time= 29.3s
[CV 3/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3551.159)
total time= 1.2min
[CV 4/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.064, test=-3552.152)
total time= 29.2s
[CV 2/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3282.273)
total time= 1.2min
[CV 2/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.168, test=-3163.616)
total time= 29.2s
[CV 1/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3330.488)

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total time= 1.2min
[CV 2/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.299, test=-3432.532)
total time= 29.1s
[CV 2/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.012, test=-3410.154)
total time= 36.9s
[CV 5/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3646.644)
total time= 1.2min
[CV 3/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.002, test=-3540.647)
total time= 36.7s
[CV 1/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1458.898, test=-3148.204)
total time= 1.5s
[CV 2/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1546.930, test=-2905.226)
total time= 1.5s
[CV 3/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1445.382, test=-3303.617)
total time= 1.5s
[CV 5/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1477.428, test=-3286.633)
total time= 1.5s
[CV 2/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-847.424, test=-3158.198)
total time= 2.9s
[CV 4/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-848.800, test=-3469.259)

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total time= 2.9s
[CV 2/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-145.297, test=-3269.368)
total time= 7.3s
[CV 5/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-164.970, test=-3590.895)
total time= 7.3s
[CV 3/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-11.949, test=-3533.571)
total time= 14.7s
[CV 1/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.050, test=-3539.291)
total time= 29.2s
[CV 4/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.004, test=-3544.936)
total time= 36.6s
[CV 2/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1546.930, test=-2972.919)
total time= 1.5s
[CV 4/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1423.548, test=-3229.339)
total time= 1.5s
[CV 1/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-811.166, test=-3378.104)
total time= 2.9s
[CV 3/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-812.003, test=-3470.767)
total time= 2.9s
[CV 1/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

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[CV 1/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-149.083, test=-3549.940)
total time= 7.3s
[CV 4/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-179.952, test=-3532.931)
total time= 7.3s
[CV 2/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-9.494, test=-3325.950)
total time= 14.6s
[CV 5/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-9.284, test=-3590.924)
total time= 14.7s
[CV 1/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.003, test=-3529.407)
total time= 36.6s
[CV 4/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3511.057)
total time= 1.2min
[CV 2/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.013, test=-3187.113)
total time= 36.4s
[CV 5/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3480.359)
total time= 1.2min
[CV 3/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.027, test=-3513.236)
total time= 36.7s
[CV 1/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1482.456, test=-2977.790)
total time= 1.5s

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[CV 3/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1691.702, test=-3220.500)
total time= 1.5s
[CV 5/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1660.458, test=-2837.365)
total time= 1.5s
[CV 4/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1540.064, test=-3144.100)
total time= 1.5s
[CV 1/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-873.222, test=-3275.559)
total time= 2.9s
[CV 4/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-885.863, test=-3377.368)
total time= 2.9s
[CV 2/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-198.168, test=-3155.290)
total time= 7.3s
[CV 5/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-166.582, test=-3516.795)
total time= 7.3s
[CV 3/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-15.720, test=-3502.179)
total time= 14.6s
[CV 1/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.136, test=-3352.637)
total time= 29.2s
[CV 4/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250
[CV 4/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.008, test=-3446.701)
total time= 36.6s
[CV 5/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1564.575, test=-3265.460)
total time= 1.5s
[CV 2/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1006.986, test=-3230.518)
total time= 2.9s
[CV 4/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-958.828, test=-3211.778)
total time= 2.9s
[CV 2/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-256.656, test=-3450.078)
total time= 7.3s
[CV 5/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-219.564, test=-3678.856)
total time= 7.3s
[CV 3/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-26.161, test=-3526.327)
total time= 14.5s
[CV 1/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.186, test=-3297.453)
total time= 28.8s
[CV 4/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.028, test=-3280.718)
total time= 36.8s
[CV 2/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1524.279, test=-3028.540)

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total time= 1.5s
[CV 4/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1465.524, test=-3065.062)
total time= 1.5s
[CV 1/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-895.791, test=-3223.708)
total time= 2.9s
[CV 4/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-958.828, test=-3210.832)
total time= 2.9s
[CV 2/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-256.656, test=-3455.762)
total time= 7.3s
[CV 5/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-219.564, test=-3704.940)
total time= 7.3s
[CV 3/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-26.161, test=-3499.817)
total time= 14.6s
[CV 1/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.186, test=-3312.881)
total time= 29.1s
[CV 4/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.028, test=-3284.547)
total time= 36.4s
[CV 3/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1691.702, test=-3228.290)
total time= 1.5s
[CV 5/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

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[CV 5/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1564.575, test=-3256.129)
total time= 1.5s
[CV 2/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1006.986, test=-3251.141)
total time= 2.9s
[CV 4/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-179.952, test=-3534.665)
total time= 7.3s
[CV 2/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-9.494, test=-3344.703)
total time= 14.4s
[CV 5/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-9.284, test=-3629.832)
total time= 14.5s
[CV 1/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.003, test=-3565.085)
total time= 36.2s
[CV 4/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3535.342)
total time= 1.2min
[CV 2/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.003, test=-3304.754)
total time= 36.2s
[CV 5/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3644.300)
total time= 1.2min
[CV 3/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.010, test=-3513.445)
total time= 36.6s

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[CV 1/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1482.456, test=-2976.666)
total time= 1.5s
[CV 2/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1524.279, test=-3021.097)
total time= 1.5s
[CV 3/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1691.702, test=-3228.021)
total time= 1.5s
[CV 4/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1465.524, test=-3058.250)
total time= 1.5s
[CV 1/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-895.791, test=-3209.467)
total time= 2.9s
[CV 3/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1036.934, test=-3309.797)
total time= 2.9s
[CV 1/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-218.751, test=-3309.758)
total time= 7.3s
[CV 4/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-251.408, test=-3276.386)
total time= 7.3s
[CV 2/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-23.105, test=-3458.685)
total time= 14.6s
[CV 5/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100;; score=(train=-21.787, test=-3685.604)
total time= 14.6s
[CV 1/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.025, test=-3330.406)
total time= 36.2s
[CV 4/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3276.523)
total time= 1.2min
[CV 2/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.033, test=-3439.806)
total time= 36.4s
[CV 5/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3691.881)
total time= 1.2min
[CV 3/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.027, test=-3491.246)
total time= 36.3s
[CV 1/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1482.456, test=-2994.174)
total time= 1.5s
[CV 2/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1524.279, test=-3053.641)
total time= 1.5s
[CV 3/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1691.702, test=-3228.290)
total time= 1.5s
[CV 4/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1465.524, test=-3058.250)
total time= 1.5s
[CV 1/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20
[CV 1/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-895.791, test=-3214.909)
total time= 2.9s
[CV 3/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1036.934, test=-3320.918)
total time= 3.0s
[CV 4/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.064, test=-3529.982)
total time= 29.3s
[CV 2/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3323.426)
total time= 1.2min
[CV 3/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.034, test=-3568.832)
total time= 29.1s
[CV 1/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3537.903)
total time= 1.2min
[CV 2/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.041, test=-3283.209)
total time= 28.9s
[CV 5/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3613.075)
total time= 36.3s
[CV 3/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-889.416, test=-3408.565)
total time= 2.9s
[CV 1/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-197.260, test=-3286.426)

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total time= 7.4s
[CV 4/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-174.305, test=-3433.314)
total time= 7.4s
[CV 2/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-18.879, test=-3161.286)
total time= 14.7s
[CV 5/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-13.046, test=-3498.013)
total time= 14.6s
[CV 1/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.013, test=-3341.843)
total time= 36.7s
[CV 4/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3447.622)
total time= 1.2min
[CV 2/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.033, test=-3441.439)
total time= 36.8s
[CV 5/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3710.302)
total time= 1.2min
[CV 3/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.027, test=-3496.511)
total time= 36.4s
[CV 1/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1482.456, test=-2985.764)
total time= 1.5s
[CV 2/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

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[CV 2/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1524.279, test=-3037.813)
total time= 1.5s
[CV 4/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1465.524, test=-3065.062)
total time= 1.5s
[CV 1/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-895.791, test=-3209.107)
total time= 2.9s
[CV 4/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-958.828, test=-3200.140)
total time= 2.9s
[CV 2/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-256.656, test=-3443.639)
total time= 7.3s
[CV 5/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-219.564, test=-3696.496)
total time= 7.3s
[CV 3/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-26.161, test=-3500.417)
total time= 14.6s
[CV 1/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.186, test=-3318.119)
total time= 29.0s
[CV 4/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.028, test=-3276.043)
total time= 36.4s
[CV 5/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1564.575, test=-3263.382)
total time= 1.5s

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[CV 2/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1006.986, test=-3245.497)
total time= 2.9s
[CV 5/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-917.507, test=-3612.454)
total time= 2.9s
[CV 1/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-17.261, test=-3336.385)
total time= 14.6s
[CV 4/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-15.038, test=-3462.528)
total time= 14.6s
[CV 5/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.097, test=-3485.336)
total time= 28.8s
[CV 3/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3504.815)
total time= 1.2min
[CV 4/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.285, test=-3299.171)
total time= 29.1s
[CV 2/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3428.569)
total time= 1.2min
[CV 3/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.243, test=-3500.808)
total time= 28.7s
[CV 5/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.020, test=-3704.420)
total time= 35.9s

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[CV 3/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1036.934, test=-3335.987)
total time= 2.9s
[CV 1/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-218.751, test=-3307.356)
total time= 7.2s
[CV 4/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-251.408, test=-3262.478)
total time= 7.2s
[CV 2/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-23.105, test=-3433.603)
total time= 14.3s
[CV 5/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-21.787, test=-3689.654)
total time= 14.4s
[CV 1/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.025, test=-3315.671)
total time= 35.9s
[CV 4/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3281.219)
total time= 1.2min
[CV 2/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.033, test=-3435.498)
total time= 35.3s
[CV 5/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3706.570)
total time= 1.2min
[CV 3/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250;; score=(train=-0.093, test=-3532.464)
total time= 36.0s
[CV 1/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1607.069, test=-3027.578)
total time= 1.5s
[CV 2/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1645.356, test=-3010.652)
total time= 1.4s
[CV 3/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1580.480, test=-3282.416)
total time= 1.5s
[CV 5/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1472.329, test=-3152.563)
total time= 1.5s
[CV 2/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1007.640, test=-3245.504)
total time= 2.9s
[CV 4/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-995.183, test=-3176.366)
total time= 2.9s
[CV 2/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-298.452, test=-3311.292)
total time= 7.2s
[CV 5/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-260.456, test=-3356.322)
total time= 7.2s
[CV 3/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-30.592, test=-3529.119)
total time= 14.4s
[CV 1/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200
[CV 1/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.587, test=-3378.337)
total time= 28.8s
[CV 4/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.119, test=-3323.515)
total time= 36.1s
[CV 3/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.243, test=-3471.689)
total time= 28.9s
[CV 1/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3324.245)
total time= 1.2min
[CV 2/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.299, test=-3438.222)
total time= 29.1s
[CV 1/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3325.986)
total time= 1.2min
[CV 2/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.299, test=-3454.515)
total time= 29.0s
[CV 5/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.020, test=-3699.475)
total time= 36.3s
[CV 4/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-958.828, test=-3201.558)
total time= 2.9s
[CV 2/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

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[CV 2/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-256.656, test=-3454.019)
total time= 7.3s

[CV 5/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 5/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-219.564, test=-3715.722)
total time= 7.2s

[CV 3/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 3/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-26.161, test=-3505.393)
total time= 14.5s

[CV 1/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 1/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.186, test=-3343.413)
total time= 29.0s

[CV 4/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 4/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.028, test=-3289.083)
total time= 36.3s

[CV 5/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 5/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1472.329, test=-3183.229)
total time= 1.4s

[CV 2/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 2/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1007.640, test=-3233.905)
total time= 2.9s

[CV 4/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 4/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-995.183, test=-3181.546)
total time= 2.9s

[CV 2/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 2/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-298.452, test=-3298.349)
total time= 7.2s

[CV 5/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 5/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-260.456, test=-3370.193)
total time= 7.3s

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[CV 3/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-30.592, test=-3534.580)
total time= 14.4s
[CV 1/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.587, test=-3403.589)
total time= 28.9s
[CV 4/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.119, test=-3323.218)
total time= 36.0s
[CV 4/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1482.416, test=-3113.278)
total time= 1.4s
[CV 1/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1048.086, test=-3263.321)
total time= 2.9s
[CV 3/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1054.786, test=-3377.469)
total time= 2.9s
[CV 1/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-306.909, test=-3330.964)
total time= 7.2s
[CV 4/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-286.101, test=-3332.223)
total time= 7.2s
[CV 2/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-40.903, test=-3289.110)
total time= 14.5s
[CV 5/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=100;; score=(train=-35.839, test=-3389.737)
total time= 14.5s
[CV 1/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.080, test=-3373.006)
total time= 36.0s
[CV 4/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3326.947)
total time= 1.2min
[CV 5/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1564.575, test=-3256.924)
total time= 1.5s
[CV 3/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1036.934, test=-3344.935)
total time= 2.9s
[CV 1/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-218.751, test=-3304.630)
total time= 7.2s
[CV 4/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-251.408, test=-3270.051)
total time= 7.4s
[CV 2/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-23.105, test=-3441.660)
total time= 14.5s
[CV 5/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-21.787, test=-3690.116)
total time= 14.5s
[CV 1/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.025, test=-3326.684)
total time= 36.1s
[CV 4/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3284.572)
total time= 1.2min
[CV 2/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.033, test=-3431.573)
total time= 36.1s
[CV 5/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3710.833)
total time= 1.2min
[CV 3/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.027, test=-3495.846)
total time= 36.1s
[CV 1/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1607.069, test=-3018.789)
total time= 1.6s
[CV 2/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1645.356, test=-3023.070)
total time= 1.6s
[CV 3/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1580.480, test=-3284.783)
total time= 1.5s
[CV 4/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1482.416, test=-3113.278)
total time= 1.4s
[CV 1/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1048.086, test=-3248.890)
total time= 2.9s
[CV 3/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1054.786, test=-3381.057)
total time= 2.9s
[CV 1/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 1/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-306.909, test=-3316.230)
total time= 7.2s
[CV 4/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-286.101, test=-3357.558)
total time= 7.2s
[CV 2/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-40.903, test=-3293.586)
total time= 14.4s
[CV 5/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-35.839, test=-3365.170)
total time= 14.4s
[CV 1/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.080, test=-3375.205)
total time= 36.0s
[CV 4/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3351.100)
total time= 1.2min
[CV 2/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.075, test=-3279.640)
total time= 36.0s
[CV 5/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3374.383)
total time= 1.2min
[CV 3/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.093, test=-3521.062)
total time= 36.2s
[CV 1/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1607.069, test=-3022.946)

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total time= 1.5s
[CV 2/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1645.356, test=-3004.631)
total time= 1.5s
[CV 3/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1580.480, test=-3278.611)
total time= 1.4s
[CV 5/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.122, test=-3493.326)
total time= 29.1s
[CV 5/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.009, test=-3459.374)
total time= 36.3s
[CV 5/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-917.507, test=-3606.116)
total time= 2.9s
[CV 3/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-257.914, test=-3481.878)
total time= 7.3s
[CV 1/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-24.667, test=-3328.148)
total time= 14.5s
[CV 4/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-29.672, test=-3274.490)
total time= 14.5s
[CV 5/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.222, test=-3706.998)
total time= 29.0s

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[CV 3/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3499.471)
total time= 1.2min
[CV 4/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.285, test=-3276.376)
total time= 29.0s
[CV 2/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3437.568)
total time= 1.2min
[CV 3/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.243, test=-3518.358)
total time= 28.8s
[CV 1/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3329.921)
total time= 1.2min
[CV 2/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.299, test=-3451.699)
total time= 29.0s
[CV 5/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.020, test=-3702.308)
total time= 36.5s
[CV 5/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-975.788, test=-3313.827)
total time= 2.9s
[CV 3/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-268.609, test=-3518.735)
total time= 7.2s
[CV 1/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100;; score=(train=-37.387, test=-3377.740)
total time= 14.4s
[CV 4/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-39.106, test=-3370.254)
total time= 14.4s
[CV 2/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.606, test=-3306.716)
total time= 28.9s
[CV 5/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.095, test=-3370.660)
total time= 36.0s
[CV 5/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-975.788, test=-3302.761)
total time= 2.9s
[CV 3/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-268.609, test=-3505.141)
total time= 7.2s
[CV 1/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-37.387, test=-3398.073)
total time= 14.4s
[CV 4/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-39.106, test=-3341.004)
total time= 14.5s
[CV 5/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.700, test=-3381.578)
total time= 28.6s
[CV 3/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3522.392)
total time= 1.2min
[CV 4/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200
[CV 4/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.875, test=-3323.040)
total time= 29.0s
[CV 2/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3271.338)
total time= 1.2min
[CV 3/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.519, test=-3515.613)
total time= 29.0s
[CV 3/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-257.914, test=-3439.551)
total time= 7.3s
[CV 1/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-24.667, test=-3325.693)
total time= 14.5s
[CV 4/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-29.672, test=-3273.629)
total time= 14.6s
[CV 4/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.285, test=-3289.647)
total time= 29.1s
[CV 2/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3455.964)
total time= 1.2min
[CV 5/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.700, test=-3382.300)
total time= 28.8s
[CV 2/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3278.946)

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total time= 1.2min
[CV 2/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.606, test=-3272.302)
total time= 28.7s
[CV 5/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.095, test=-3409.660)
total time= 36.0s
[CV 4/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-995.183, test=-3156.856)
total time= 2.9s
[CV 2/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-298.452, test=-3304.557)
total time= 7.2s
[CV 5/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-260.456, test=-3354.443)
total time= 7.2s
[CV 3/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-30.592, test=-3515.771)
total time= 14.5s
[CV 1/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.587, test=-3383.071)
total time= 28.9s
[CV 4/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.119, test=-3340.895)
total time= 36.4s
[CV 4/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1482.416, test=-3089.689)
total time= 1.5s
[CV 1/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

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[CV 1/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1048.086, test=-3235.399)
total time= 2.9s
[CV 4/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-995.183, test=-3150.490)
total time= 2.9s
[CV 2/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-298.452, test=-3288.883)
total time= 7.3s
[CV 5/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-260.456, test=-3352.530)
total time= 7.3s
[CV 3/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-30.592, test=-3516.698)
total time= 14.6s
[CV 1/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.587, test=-3365.929)
total time= 29.0s
[CV 4/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.119, test=-3343.086)
total time= 36.4s
[CV 3/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-478.195, test=-3748.787)
total time= 2.3s
[CV 5/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-387.029, test=-4000.612)
total time= 2.3s
[CV 3/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-45.404, test=-3592.950)
total time= 4.5s

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[CV 1/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 1/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-0.095, test=-3590.884) total time= 11.2s
[CV 4/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 4/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-0.133, test=-3475.544) total time= 11.4s
[CV 2/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 2/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3504.970) total time= 22.8s
[CV 5/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 5/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-917.507, test=-3606.488) total time= 2.9s
[CV 3/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 3/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-257.914, test=-3477.694) total time= 7.3s
[CV 1/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 1/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-24.667, test=-3316.624) total time= 14.6s
[CV 4/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 4/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-29.672, test=-3277.322) total time= 14.6s
[CV 5/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 5/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-0.222, test=-3696.042) total time= 29.1s
[CV 3/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 3/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3477.477) total time= 1.2min
[CV 5/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 5/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200;; score=(train=-0.222, test=-3696.675)
total time= 29.1s
[CV 3/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3485.081)
total time= 1.2min
[CV 4/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.875, test=-3334.040)
total time= 29.1s
[CV 3/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3524.458)
total time= 1.2min
[CV 4/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.875, test=-3313.730)
total time= 28.9s
[CV 2/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3268.226)
total time= 1.2min
[CV 3/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.519, test=-3524.013)
total time= 28.7s
[CV 1/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3368.255)
total time= 1.2min
[CV 2/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.606, test=-3288.349)
total time= 28.8s
[CV 5/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.095, test=-3377.483)
total time= 36.3s
[CV 2/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20
[CV 2/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-80.528, test=-3561.747)
total time= 4.5s
[CV 5/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-52.801, test=-3945.801)
total time= 4.5s
[CV 3/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-0.127, test=-3728.853)
total time= 11.3s
[CV 1/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3462.566)
total time= 22.3s
[CV 2/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3501.646)
total time= 45.1s
[CV 5/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-4077.058)
total time= 54.9s
[CV 1/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-0.357, test=-3693.587)
total time= 11.3s
[CV 4/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-0.311, test=-3740.651)
total time= 11.2s
[CV 3/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.000, test=-3705.569)
total time= 22.9s
[CV 2/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3432.916)

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total time= 47.0s
[CV 5/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3707.631)
total time= 54.7s
[CV 2/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1.299, test=-3295.543)
total time= 11.2s
[CV 5/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2.230, test=-3860.381)
total time= 11.3s
[CV 5/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.020, test=-3709.624)
total time= 34.3s
[CV 2/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1006.986, test=-3243.012)
total time= 2.9s
[CV 5/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-917.507, test=-3610.013)
total time= 2.9s
[CV 3/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-257.914, test=-3499.805)
total time= 7.4s
[CV 1/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-24.667, test=-3309.946)
total time= 14.6s
[CV 4/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-29.672, test=-3284.782)
total time= 14.6s
[CV 5/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

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[CV 5/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.222, test=-3689.939)
total time= 29.1s

[CV 3/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 3/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3515.519)
total time= 1.2min

[CV 4/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 4/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.285, test=-3292.536)
total time= 29.1s

[CV 2/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 2/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3430.408)
total time= 1.2min

[CV 3/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 3/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.243, test=-3494.838)
total time= 29.1s

[CV 1/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3331.274)
total time= 1.2min

[CV 3/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.519, test=-3524.567)
total time= 28.8s

[CV 1/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3363.245)
total time= 1.2min

[CV 3/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 3/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.519, test=-3528.136)
total time= 28.8s

[CV 1/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 1/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3367.015)
total time= 1.2min

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[CV 2/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.606, test=-3296.320)
total time= 29.0s
[CV 5/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.095, test=-3386.687)
total time= 36.2s
[CV 3/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1054.786, test=-3382.530)
total time= 2.9s
[CV 1/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-306.909, test=-3336.137)
total time= 7.3s
[CV 4/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-286.101, test=-3346.212)
total time= 7.3s
[CV 2/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-40.903, test=-3282.155)
total time= 14.5s
[CV 5/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-35.839, test=-3381.272)
total time= 14.5s
[CV 1/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.080, test=-3385.222)
total time= 36.3s
[CV 4/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3304.122)
total time= 1.2min
[CV 5/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3997.123)
total time= 45.1s
[CV 3/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3672.425)
total time= 1.7min
[CV 1/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3682.409)
total time= 55.4s
[CV 4/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3726.166)
total time= 1.4min
[CV 1/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-218.751, test=-3302.412)
total time= 7.3s
[CV 4/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-251.408, test=-3266.655)
total time= 7.3s
[CV 2/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-23.105, test=-3453.734)
total time= 14.5s
[CV 5/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-21.787, test=-3702.280)
total time= 14.5s
[CV 1/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.025, test=-3315.798)
total time= 36.2s
[CV 4/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3287.552)
total time= 1.2min
[CV 2/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250
[CV 2/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.075, test=-3262.668)
total time= 35.8s
[CV 5/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3374.154)
total time= 1.2min
[CV 3/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.093, test=-3532.544)
total time= 35.9s
[CV 1/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1607.069, test=-3020.992)
total time= 1.5s
[CV 2/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1645.356, test=-3022.154)
total time= 1.4s
[CV 4/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1482.416, test=-3075.823)
total time= 1.4s
[CV 1/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1048.086, test=-3246.816)
total time= 2.9s
[CV 3/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1054.786, test=-3383.643)
total time= 2.9s
[CV 1/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-306.909, test=-3333.674)
total time= 7.2s
[CV 4/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-286.101, test=-3335.987)

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total time= 7.2s
[CV 2/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-40.903, test=-3265.954)
total time= 14.3s
[CV 5/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-35.839, test=-3346.065)
total time= 14.3s
[CV 1/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.080, test=-3384.005)
total time= 36.0s
[CV 4/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3355.984)
total time= 1.2min
[CV 2/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.075, test=-3295.363)
total time= 36.0s
[CV 5/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3375.513)
total time= 1.2min
[CV 1/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3570.253)
total time= 53.5s
[CV 4/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3545.156)
total time= 1.7min
[CV 2/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3489.406)
total time= 56.0s
[CV 5/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

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[CV 5/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3681.626)
total time= 1.7min

[CV 3/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 3/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3648.912)
total time= 55.9s

[CV 1/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 1/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-683.158, test=-3419.836)
total time= 2.2s

[CV 2/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 2/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-809.015, test=-3373.517)
total time= 2.3s

[CV 3/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1580.480, test=-3280.584)
total time= 1.5s

[CV 5/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 5/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1472.329, test=-3163.662)
total time= 1.5s

[CV 2/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 2/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1007.640, test=-3243.051)
total time= 2.9s

[CV 5/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 5/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-975.788, test=-3271.836)
total time= 2.9s

[CV 3/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 3/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-268.609, test=-3508.119)
total time= 7.2s

[CV 1/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 1/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-37.387, test=-3395.315)
total time= 14.4s

[CV 4/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 4/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-39.106, test=-3343.563)
total time= 14.4s
[CV 5/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.700, test=-3372.491)
total time= 29.0s
[CV 3/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3521.736)
total time= 1.2min
[CV 4/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.875, test=-3351.354)
total time= 29.0s
[CV 2/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3275.322)
total time= 1.2min
[CV 5/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-4034.114)
total time= 22.4s
[CV 3/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3585.331)
total time= 53.4s
[CV 5/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-4040.808)
total time= 1.7min
[CV 3/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3702.432)
total time= 55.7s
[CV 1/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-662.530, test=-3232.515)
total time= 2.3s

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[CV 2/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-582.695, test=-3235.960)
total time= 2.2s
[CV 3/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-558.858, test=-3505.707)
total time= 2.2s
[CV 4/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-537.573, test=-3528.502)
total time= 2.2s
[CV 5/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-617.314, test=-3784.408)
total time= 2.3s
[CV 2/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-145.728, test=-3383.868)
total time= 4.3s
[CV 3/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-140.819, test=-3629.364)
total time= 4.5s
[CV 5/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-139.363, test=-3813.154)
total time= 4.5s
[CV 3/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2.223, test=-3629.534)
total time= 11.3s
[CV 1/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.001, test=-3349.887)
total time= 22.3s
[CV 4/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100;; score=(train=-0.002, test=-3551.423)
total time= 22.4s
[CV 1/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3334.296)
total time= 55.7s
[CV 4/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3640.754)
total time= 1.9min
[CV 2/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3452.154)
total time= 58.4s
[CV 5/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1472.329, test=-3182.730)
total time= 1.5s
[CV 2/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1007.640, test=-3240.377)
total time= 2.9s
[CV 5/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-975.788, test=-3289.545)
total time= 2.9s
[CV 3/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-268.609, test=-3512.839)
total time= 7.3s
[CV 1/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-37.387, test=-3378.104)
total time= 14.6s
[CV 4/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-39.106, test=-3347.878)
total time= 14.5s
[CV 5/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-0.700, test=-3386.923)
total time= 28.9s
[CV 3/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3518.507)
total time= 1.2min
[CV 1/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3548.579)
total time= 45.0s
[CV 4/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3599.752)
total time= 54.5s
[CV 4/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-55.296, test=-3713.869)
total time= 4.4s
[CV 2/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-0.584, test=-3503.710)
total time= 11.3s
[CV 5/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-0.306, test=-3837.409)
total time= 11.2s
[CV 4/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.000, test=-3803.839)
total time= 23.0s
[CV 3/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3716.732)
total time= 47.7s
[CV 1/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3682.782)
total time= 1.9min
[CV 5/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200
[CV 5/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3805.061)
total time= 44.6s
[CV 3/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3619.801)
total time= 1.6min
[CV 3/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3607.129)
total time= 44.3s
[CV 1/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3435.890)
total time= 1.8min
[CV 1/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3339.055)
total time= 43.9s
[CV 3/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3733.672)
total time= 51.2s
[CV 1/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-554.860, test=-3297.597)
total time= 1.8s
[CV 3/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-767.213, test=-3609.700)
total time= 1.9s
[CV 5/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-501.858, test=-3536.985)
total time= 1.8s
[CV 3/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-205.493, test=-3703.631)

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total time= 3.8s
[CV 1/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1.320, test=-3391.809)
total time= 9.0s
[CV 4/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1.656, test=-3402.068)
total time= 10.2s
[CV 2/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.003, test=-3289.357)
total time= 22.0s
[CV 5/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.075, test=-3279.373)
total time= 36.2s
[CV 5/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3388.068)
total time= 1.2min
[CV 3/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.093, test=-3523.911)
total time= 36.2s
[CV 1/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-375.715, test=-3474.310)
total time= 2.3s
[CV 2/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-501.596, test=-3581.628)
total time= 2.3s
[CV 4/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-297.663, test=-3613.976)
total time= 2.2s

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[CV 1/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-51.737, test=-3383.975)
total time= 4.5s
[CV 4/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-71.716, test=-3470.371)
total time= 4.5s
[CV 2/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-0.276, test=-3458.147)
total time= 11.4s
[CV 5/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-0.130, test=-3957.495)
total time= 11.3s
[CV 3/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3630.742)
total time= 22.5s
[CV 4/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3481.357)
total time= 45.2s
[CV 2/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3603.451)
total time= 1.6min
[CV 4/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3712.193)
total time= 46.7s
[CV 3/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3675.568)
total time= 1.7min
[CV 4/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3536.958)
total time= 44.9s
[CV 2/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3326.352)
total time= 1.9min
[CV 4/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3430.892)
total time= 43.4s
[CV 2/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3391.090)
total time= 1.7min
[CV 3/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3724.333)
total time= 43.7s
[CV 5/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3654.343)
total time= 51.0s
[CV 2/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-717.120, test=-3209.111)
total time= 1.8s
[CV 4/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-492.626, test=-3452.786)
total time= 1.7s
[CV 2/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-171.123, test=-3319.094)
total time= 3.6s
[CV 4/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-135.429, test=-3423.280)
total time= 3.6s
[CV 2/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50
[CV 2/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2.366, test=-3280.186)
total time= 8.9s
[CV 5/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1.556, test=-3591.767)
total time= 10.5s
[CV 3/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.005, test=-3705.204)
total time= 21.9s
[CV 1/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3399.462)
total time= 44.0s
[CV 1/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3365.400)
total time= 1.2min
[CV 4/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3552.705)
total time= 22.5s
[CV 2/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3593.656)
total time= 55.4s
[CV 1/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-448.519, test=-3626.882)
total time= 2.3s
[CV 2/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-487.400, test=-3474.003)
total time= 2.3s
[CV 3/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-460.256, test=-3695.088)

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total time= 2.3s
[CV 4/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-418.570, test=-3743.700)
total time= 2.2s
[CV 5/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-380.276, test=-3756.221)
total time= 2.3s
[CV 1/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-70.086, test=-3643.227)
total time= 4.5s
[CV 2/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-71.062, test=-3472.357)
total time= 4.5s
[CV 3/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-59.509, test=-3682.061)
total time= 4.5s
[CV 5/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-46.799, test=-3812.560)
total time= 4.5s
[CV 3/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-0.215, test=-3710.630)
total time= 11.2s
[CV 1/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.000, test=-3628.643)
total time= 22.5s
[CV 5/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.000, test=-3707.190)
total time= 18.7s
[CV 5/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

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[CV 5/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3825.173)
total time= 40.0s
[CV 2/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3518.183)
total time= 1.7min
[CV 2/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3332.998)
total time= 44.4s
[CV 5/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3839.678)
total time= 55.9s
[CV 5/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-178.302, test=-3806.127)
total time= 4.5s
[CV 3/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-4.247, test=-3662.699)
total time= 11.0s
[CV 1/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.006, test=-3453.268)
total time= 22.1s
[CV 4/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.007, test=-3495.411)
total time= 22.1s
[CV 5/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3732.218)
total time= 43.2s
[CV 3/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3582.436)
total time= 1.8min

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[CV 4/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 4/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3489.287)
total time= 43.8s

[CV 2/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 2/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3303.199)
total time= 1.7min

[CV 2/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 2/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3274.207)
total time= 43.5s

[CV 5/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 5/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3639.509)
total time= 54.5s

[CV 3/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 3/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3663.978)
total time= 45.0s

[CV 1/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 1/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3504.313)
total time= 1.0min

[CV 2/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 2/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.000, test=-3481.755)
total time= 22.6s

[CV 1/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 1/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3731.408)
total time= 45.5s

[CV 4/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 4/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3793.072)
total time= 55.6s

[CV 1/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 1/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20;; score=(train=-147.108, test=-3324.682)
total time= 4.6s
[CV 4/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-142.168, test=-3600.876)
total time= 4.5s
[CV 1/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1.497, test=-3335.022)
total time= 11.2s
[CV 4/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1.651, test=-3559.524)
total time= 11.2s
[CV 2/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.001, test=-3342.010)
total time= 22.4s
[CV 5/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.001, test=-3808.035)
total time= 22.5s
[CV 2/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3306.842)
total time= 55.9s
[CV 5/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3812.249)
total time= 1.8min
[CV 3/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3626.931)
total time= 57.6s
[CV 1/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-520.376, test=-3350.214)
total time= 2.2s
[CV 2/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10
[CV 2/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-717.120, test=-3225.179)
total time= 2.2s
[CV 3/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-767.213, test=-3572.723)
total time= 2.3s
[CV 4/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-492.626, test=-3429.400)
total time= 2.2s
[CV 5/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-594.676, test=-3575.916)
total time= 2.2s
[CV 2/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-171.123, test=-3270.396)
total time= 4.4s
[CV 5/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-141.137, test=-3612.277)
total time= 4.4s
[CV 3/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-4.501, test=-3718.343)
total time= 11.1s
[CV 1/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.001, test=-3398.431)
total time= 21.9s
[CV 4/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.001, test=-3495.574)
total time= 21.9s
[CV 5/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3612.936)

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total time= 44.2s
[CV 3/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3703.657)
total time= 1.9min
[CV 1/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3383.548)
total time= 55.0s
[CV 4/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3609.043)
total time= 1.9min
[CV 2/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3261.109)
total time= 54.9s
[CV 3/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-636.080, test=-3593.374)
total time= 2.2s
[CV 4/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-732.461, test=-3414.740)
total time= 2.2s
[CV 5/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-653.671, test=-3704.374)
total time= 2.2s
[CV 2/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-237.666, test=-3398.447)
total time= 4.5s
[CV 4/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-217.336, test=-3388.841)
total time= 4.5s
[CV 2/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 2/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-4.916, test=-3448.506)
total time= 11.2s

[CV 5/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 5/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2.949, test=-3735.201)
total time= 11.1s

[CV 3/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 3/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.008, test=-3629.188)
total time= 22.2s

[CV 2/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 2/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3473.064)
total time= 44.4s

[CV 5/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 5/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3702.392)
total time= 58.9s

[CV 3/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 3/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-205.493, test=-3709.138)
total time= 4.4s

[CV 1/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 1/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2.820, test=-3360.347)
total time= 11.0s

[CV 4/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 4/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1.656, test=-3392.878)
total time= 10.9s

[CV 2/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 2/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.003, test=-3269.061)
total time= 22.0s

[CV 5/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 5/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.003, test=-3640.317)
total time= 22.0s

[CV 2/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3283.692)
total time= 54.8s
[CV 5/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3613.375)
total time= 1.9min
[CV 3/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3723.430)
total time= 54.3s
[CV 1/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-554.860, test=-3313.411)
total time= 2.2s
[CV 3/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-767.213, test=-3569.354)
total time= 2.2s
[CV 5/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-501.858, test=-3567.103)
total time= 2.2s
[CV 2/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-171.123, test=-3303.766)
total time= 4.4s
[CV 5/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-141.137, test=-3581.777)
total time= 4.5s
[CV 3/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-4.501, test=-3697.119)
total time= 11.1s
[CV 1/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-0.003, test=-3363.960)
total time= 22.0s
[CV 4/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.001, test=-3533.576)
total time= 21.8s
[CV 2/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3297.406)
total time= 43.5s
[CV 5/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3610.106)
total time= 54.7s
[CV 3/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-268.226, test=-3708.347)
total time= 4.4s
[CV 4/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3505.202)
total time= 54.7s
[CV 2/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-717.120, test=-3173.101)
total time= 2.2s
[CV 4/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-492.626, test=-3478.407)
total time= 2.2s
[CV 1/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-166.018, test=-3359.812)
total time= 4.4s
[CV 4/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-135.429, test=-3420.156)
total time= 4.4s
[CV 2/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50
[CV 2/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2.366, test=-3324.871)
total time= 10.9s
[CV 5/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1.926, test=-3633.873)
total time= 10.9s
[CV 3/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.005, test=-3698.532)
total time= 22.0s
[CV 1/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3395.729)
total time= 43.9s
[CV 3/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3703.044)
total time= 55.0s
[CV 1/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-732.323, test=-3285.439)
total time= 2.2s
[CV 2/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-761.832, test=-3326.708)
total time= 2.2s
[CV 3/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-812.787, test=-3626.918)
total time= 2.2s
[CV 4/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-772.289, test=-3229.633)
total time= 2.2s
[CV 1/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-240.390, test=-3362.564)

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total time= 4.4s
[CV 4/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-251.237, test=-3297.113)
total time= 4.4s
[CV 2/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-7.805, test=-3421.769)
total time= 11.0s
[CV 5/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-6.266, test=-3722.309)
total time= 10.9s
[CV 3/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.015, test=-3699.977)
total time= 21.9s
[CV 1/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3424.012)
total time= 43.8s
[CV 3/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3674.593)
total time= 54.8s
[CV 2/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-877.021, test=-3290.118)
total time= 2.2s
[CV 4/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-811.969, test=-3398.276)
total time= 2.2s
[CV 1/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-316.573, test=-3268.794)
total time= 4.3s
[CV 3/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 3/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-304.856, test=-3475.572)
total time= 4.3s
[CV 1/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-14.638, test=-3337.769)
total time= 10.9s
[CV 4/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-11.895, test=-3486.667)
total time= 10.8s
[CV 2/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-0.088, test=-3319.012)
total time= 21.8s
[CV 5/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-0.070, test=-3610.496)
total time= 21.7s
[CV 3/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.001, test=-3636.650)
total time= 22.3s
[CV 1/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3360.052)
total time= 44.9s
[CV 4/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3559.221)
total time= 56.0s
[CV 1/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-233.512, test=-3444.968)
total time= 4.5s
[CV 3/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-204.651, test=-3550.132)
total time= 4.5s

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[CV 1/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-3.856, test=-3429.778)
total time= 11.1s
[CV 4/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2.874, test=-3455.891)
total time= 11.0s
[CV 2/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.014, test=-3422.007)
total time= 22.4s
[CV 1/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3442.635)
total time= 44.3s
[CV 4/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3533.039)
total time= 57.4s
[CV 1/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-130.948, test=-3399.179)
total time= 4.4s
[CV 4/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-132.636, test=-3574.124)
total time= 4.4s
[CV 2/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2.366, test=-3287.511)
total time= 10.9s
[CV 5/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1.556, test=-3608.401)
total time= 10.9s
[CV 3/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100;; score=(train=-0.005, test=-3709.168)
total time= 21.9s
[CV 2/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3326.713)
total time= 43.5s
[CV 4/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3541.926)
total time= 55.0s
[CV 1/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-166.018, test=-3312.368)
total time= 4.6s
[CV 5/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-141.137, test=-3602.802)
total time= 4.4s
[CV 3/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-4.501, test=-3702.060)
total time= 10.9s
[CV 1/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3392.922)
total time= 21.8s
[CV 4/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3595.248)
total time= 22.1s
[CV 3/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3736.550)
total time= 43.7s
[CV 1/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3420.638)
total time= 1.9min
[CV 3/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=200
[CV 3/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3712.278)
total time= 43.8s
[CV 1/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3370.165)
total time= 1.9min
[CV 3/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3679.716)
total time= 43.8s
[CV 1/5; 2296/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 2296/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3389.104)
total time= 1.9min
[CV 2/5; 2301/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 2301/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3332.637)
total time= 43.6s
[CV 5/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3591.289)
total time= 1.9min
[CV 4/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3349.783)
total time= 54.4s
[CV 1/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-971.792, test=-3242.925)
total time= 2.2s
[CV 3/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-813.023, test=-3319.777)
total time= 2.2s
[CV 5/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-778.159, test=-3504.473)

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total time= 2.1s
[CV 2/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-282.151, test=-3352.456)
total time= 4.3s
[CV 4/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-280.697, test=-3479.541)
total time= 4.3s
[CV 2/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-12.663, test=-3395.013)
total time= 10.8s
[CV 5/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-12.171, test=-3643.928)
total time= 10.8s
[CV 3/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-0.092, test=-3458.805)
total time= 21.8s
[CV 1/5; 2301/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 2301/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3314.718)
total time= 43.4s
[CV 4/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3494.771)
total time= 54.6s
[CV 5/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-778.159, test=-3489.192)
total time= 2.1s
[CV 2/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-282.151, test=-3353.132)
total time= 4.3s
[CV 4/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 4/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-280.697, test=-3459.418)
total time= 4.3s
[CV 2/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-12.663, test=-3406.084)
total time= 10.8s
[CV 5/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-12.171, test=-3603.336)
total time= 11.0s
[CV 3/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-0.092, test=-3448.049)
total time= 21.7s
[CV 1/5; 2308/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 2308/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3324.734)
total time= 43.3s
[CV 4/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3494.885)
total time= 54.7s
[CV 2/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-877.021, test=-3320.858)
total time= 2.2s
[CV 4/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-811.969, test=-3433.568)
total time= 2.2s
[CV 1/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-316.573, test=-3270.547)
total time= 4.5s
[CV 3/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-304.856, test=-3474.438)
total time= 4.4s

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[CV 1/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-14.638, test=-3327.382)
total time= 10.8s
[CV 4/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-11.895, test=-3476.308)
total time= 10.9s
[CV 2/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-0.088, test=-3366.425)
total time= 21.8s
[CV 5/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-0.070, test=-3607.056)
total time= 21.6s
[CV 1/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3328.910)
total time= 54.2s
[CV 3/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3595.400)
total time= 44.3s
[CV 1/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3359.243)
total time= 1.6min
[CV 5/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.007, test=-3751.271)
total time= 22.2s
[CV 1/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3434.220)
total time= 56.8s
[CV 4/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3478.373)
total time= 1.6min
[CV 1/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3344.780)
total time= 55.2s
[CV 4/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3451.214)
total time= 1.9min
[CV 2/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3324.780)
total time= 55.0s
[CV 5/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3608.330)
total time= 1.9min
[CV 4/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3466.483)
total time= 54.5s
[CV 5/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-794.172, test=-3712.280)
total time= 2.2s
[CV 2/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-248.407, test=-3420.111)
total time= 4.3s
[CV 5/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-255.162, test=-3730.797)
total time= 4.4s
[CV 3/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-5.773, test=-3728.513)
total time= 10.9s
[CV 1/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100
[CV 1/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.045, test=-3405.423)
total time= 22.2s
[CV 4/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.015, test=-3358.035)
total time= 21.8s
[CV 4/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3382.488)
total time= 43.8s
[CV 2/5; 2296/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 2296/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3404.076)
total time= 1.9min
[CV 4/5; 2301/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 2301/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3526.978)
total time= 43.7s
[CV 1/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3328.560)
total time= 1.8min
[CV 2/5; 2308/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 2308/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3305.043)
total time= 43.1s
[CV 5/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3625.134)
total time= 54.5s
[CV 5/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-278.706, test=-3596.737)
total time= 4.4s
[CV 3/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-13.479, test=-3438.464)

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total time= 10.8s
[CV 1/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-0.110, test=-3322.502)
total time= 21.8s
[CV 4/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-0.042, test=-3475.531)
total time= 21.6s
[CV 3/5; 2315/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 2315/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3456.225)
total time= 43.9s
[CV 1/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3321.596)
total time= 1.8min
[CV 2/5; 2322/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 2322/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3333.767)
total time= 43.9s
[CV 5/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.002, test=-3622.282)
total time= 21.7s
[CV 5/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3588.452)
total time= 43.8s
[CV 3/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3728.283)
total time= 1.9min
[CV 1/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3369.720)
total time= 55.1s
[CV 4/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3383.278)

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total time= 1.9min
[CV 2/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3447.970)
total time= 54.5s
[CV 5/5; 2296/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 2296/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3733.985)
total time= 1.8min
[CV 3/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3457.508)
total time= 55.2s
[CV 1/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-971.792, test=-3237.766)
total time= 2.2s
[CV 2/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-877.021, test=-3312.429)
total time= 2.2s
[CV 3/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-813.023, test=-3315.046)
total time= 2.2s
[CV 4/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-811.969, test=-3373.379)
total time= 2.2s
[CV 1/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-316.573, test=-3272.403)
total time= 4.3s
[CV 3/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-304.856, test=-3472.744)
total time= 4.3s
[CV 5/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 5/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-278.706, test=-3633.645)
total time= 4.3s

[CV 3/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 3/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-13.479, test=-3450.580)
total time= 10.9s

[CV 1/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 1/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-0.110, test=-3328.249)
total time= 21.9s

[CV 4/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 4/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-0.078, test=-3389.859)
total time= 21.7s

[CV 4/5; 2308/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 4/5; 2308/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3537.031)
total time= 43.6s

[CV 1/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 1/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3335.159)
total time= 1.8min

[CV 2/5; 2315/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 2315/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3395.108)
total time= 43.4s

[CV 5/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3631.968)
total time= 54.9s

[CV 4/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 4/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-265.933, test=-3402.713)
total time= 4.3s

[CV 2/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 2/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-12.663, test=-3343.638)
total time= 10.9s

[CV 5/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 5/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-12.171, test=-3610.667) total time= 10.8s

[CV 3/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 3/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-0.092, test=-3462.657) total time= 21.7s

[CV 1/5; 2322/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 1/5; 2322/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3317.177) total time= 43.3s

[CV 4/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 4/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3462.645) total time= 54.7s

[CV 2/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 2/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1005.610, test=-3128.951) total time= 2.1s

[CV 4/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 1/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 1/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-10.772, test=-3407.122) total time= 11.0s

[CV 4/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 4/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-5.982, test=-3342.683) total time= 11.0s

[CV 2/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 2/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-0.024, test=-3428.092) total time= 21.9s

[CV 5/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 5/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-0.025, test=-3735.315) total time= 21.8s

[CV 1/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250
[CV 1/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3383.243)
total time= 54.8s
[CV 4/5; 2296/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 2296/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3326.800)
total time= 1.8min
[CV 2/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3329.394)
total time= 54.8s
[CV 5/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3614.337)
total time= 1.9min
[CV 3/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3441.257)
total time= 55.3s
[CV 1/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-971.792, test=-3236.646)
total time= 2.2s
[CV 3/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-813.023, test=-3308.449)
total time= 2.2s
[CV 5/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-778.159, test=-3518.504)
total time= 2.3s
[CV 2/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-282.151, test=-3343.486)
total time= 4.4s
[CV 4/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-280.697, test=-3486.950)

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total time= 4.3s
[CV 2/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-12.663, test=-3356.941)
total time= 10.8s
[CV 5/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-12.171, test=-3595.512)
total time= 10.8s
[CV 3/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-0.092, test=-3450.095)
total time= 21.8s
[CV 1/5; 2315/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 2315/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3319.700)
total time= 43.3s
[CV 3/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3442.774)
total time= 55.3s
[CV 2/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-877.021, test=-3316.945)
total time= 2.2s
[CV 4/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-811.969, test=-3381.634)
total time= 2.2s
[CV 1/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-316.573, test=-3279.672)
total time= 4.3s
[CV 3/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-304.856, test=-3469.942)
total time= 4.3s
[CV 1/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

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[CV 1/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-14.638, test=-3328.761)
total time= 10.8s

[CV 4/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 4/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-11.895, test=-3516.564)
total time= 10.8s

[CV 2/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 2/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-0.088, test=-3313.358)
total time= 21.6s

[CV 5/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 5/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-0.070, test=-3606.457)
total time= 21.6s

[CV 1/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 1/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3327.545)
total time= 53.8s

[CV 4/5; 2324/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 4/5; 2324/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3521.506)
total time= 1.9min

[CV 1/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 1/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3343.040)
total time= 53.9s

[CV 4/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 4/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3517.503)
total time= 1.9min

[CV 2/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 2/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3391.432)
total time= 54.4s

[CV 5/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 5/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3611.503)
total time= 1.9min

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[CV 4/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3499.905)
total time= 54.5s
[CV 1/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-971.792, test=-3240.948)
total time= 2.2s
[CV 3/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-813.023, test=-3313.885)
total time= 2.2s
[CV 5/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-778.159, test=-3502.301)
total time= 2.1s
[CV 2/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-282.151, test=-3365.674)
total time= 4.3s
[CV 5/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-278.706, test=-3605.578)
total time= 4.3s
[CV 3/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-13.479, test=-3447.177)
total time= 10.8s
[CV 1/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-0.110, test=-3312.435)
total time= 21.6s
[CV 4/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-0.042, test=-3513.504)
total time= 21.5s
[CV 3/5; 2322/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 2322/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3464.546)
total time= 43.2s
[CV 1/5; 2324/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 2324/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3314.504)
total time= 1.8min
[CV 2/5; 2329/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 2329/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.008, test=-3277.247)
total time= 43.4s
[CV 5/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.002, test=-3501.614)
total time= 55.2s
[CV 4/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-401.419, test=-3450.533)
total time= 4.3s
[CV 2/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-19.998, test=-3280.602)
total time= 10.6s
[CV 5/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-23.515, test=-3507.761)
total time= 10.7s
[CV 3/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-0.640, test=-3504.181)
total time= 21.7s
[CV 1/5; 2336/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2336/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.413, test=-3418.780)
total time= 44.8s
[CV 3/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.001, test=-3504.964)
total time= 55.9s
[CV 2/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10
[CV 2/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1005.610, test=-3164.668)
total time= 2.2s
[CV 4/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1063.582, test=-3339.602)
total time= 2.2s
[CV 1/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-453.000, test=-3365.899)
total time= 4.3s
[CV 3/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-405.221, test=-3500.419)
total time= 4.4s
[CV 1/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-27.857, test=-3411.551)
total time= 10.8s
[CV 4/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-24.749, test=-3482.751)
total time= 10.7s
[CV 5/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3753.507)
total time= 1.9min
[CV 1/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3327.814)
total time= 1.9min
[CV 4/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3405.766)
total time= 43.8s
[CV 2/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3286.479)

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total time= 1.9min
[CV 4/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3397.418)
total time= 43.8s
[CV 2/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3308.291)
total time= 1.9min
[CV 2/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3405.854)
total time= 43.8s
[CV 5/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3748.570)
total time= 55.0s
[CV 5/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-278.706, test=-3596.332)
total time= 4.3s
[CV 3/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-13.479, test=-3436.463)
total time= 10.9s
[CV 1/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-0.110, test=-3312.920)
total time= 21.8s
[CV 4/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-0.042, test=-3496.526)
total time= 21.6s
[CV 3/5; 2301/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 2301/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3444.539)
total time= 43.9s
[CV 2/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

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[CV 2/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3377.322)
total time= 1.9min

[CV 3/5; 2308/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 3/5; 2308/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3447.989)
total time= 44.1s

[CV 2/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 2/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3322.991)
total time= 1.9min

[CV 4/5; 2315/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 4/5; 2315/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3492.861)
total time= 43.7s

[CV 2/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 2/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3399.181)
total time= 1.9min

[CV 4/5; 2322/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 2322/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3501.447)
total time= 43.2s

[CV 2/5; 2324/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 2324/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3338.261)
total time= 1.9min

[CV 4/5; 2329/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 4/5; 2329/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3483.346)
total time= 42.9s

[CV 1/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.002, test=-3430.955)
total time= 1.9min

[CV 3/5; 2336/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 3/5; 2336/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.004, test=-3513.190)
total time= 43.8s

```
[CV 2/5; 2338/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2338/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3309.391)
total time= 1.9min
[CV 2/5; 2343/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2343/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.008, test=-3284.779)
total time= 43.8s
[CV 5/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3517.549)
total time= 55.3s
[CV 5/5; 2347/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2347/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-383.660, test=-3529.190)
total time= 4.2s
[CV 3/5; 2348/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 2348/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-40.891, test=-3500.410)
total time= 10.9s
[CV 1/5; 2349/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 2349/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1.823, test=-3424.264)
total time= 21.9sCPU times: user 1min 2s, sys: 2.96 s, total: 1min 5s
Wall time: 6h 50min 41s
```

```
[ ]: print (random_reg.best_params_)
      #print (random_reg.best_score_)
      #print("r2 score (training): {0:.3f}".format(gbr_reg.score(x_train, y_train)))
```

```
{'learning_rate': 0.1, 'max_depth': 3, 'min_samples_leaf': 10,
 'min_samples_split': 15, 'n_estimators': 20}
```

```
[CV 4/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1063.582, test=-3342.731)
total time= 2.2s
[CV 1/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-453.000, test=-3359.467)
total time= 4.3s
[CV 4/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
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min_samples_split=2, n_estimators=20
[CV 4/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-401.419, test=-3457.721)
total time= 4.0s
[CV 2/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-52.272, test=-3307.021)
total time= 10.8s
[CV 5/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-23.515, test=-3509.591)
total time= 10.6s
[CV 3/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-0.640, test=-3507.898)
total time= 21.5s
[CV 1/5; 2329/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 2329/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.413, test=-3427.238)
total time= 44.5s
[CV 4/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3483.272)
total time= 53.6s
[CV 2/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1005.610, test=-3151.139)
total time= 2.1s
[CV 4/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1063.582, test=-3338.078)
total time= 2.1s
[CV 1/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-453.000, test=-3375.716)
total time= 4.3s
[CV 3/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-405.221, test=-3503.098)

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total time= 4.3s
[CV 1/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-27.857, test=-3424.415)
total time= 10.7s
[CV 4/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-24.749, test=-3484.087)
total time= 10.6s
[CV 2/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-0.348, test=-3296.239)
total time= 21.3s
[CV 5/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-0.304, test=-3495.411)
total time= 21.3s
[CV 1/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.191, test=-3434.949)
total time= 56.0s
[CV 4/5; 2338/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 2338/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3478.197)
total time= 1.8min
[CV 2/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.003, test=-3294.944)
total time= 55.4s
[CV 5/5; 2345/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 2345/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3494.097)
total time= 1.9min
[CV 3/5; 2351/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 2351/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.001, test=-3516.160)
total time= 55.0s

[CV 5/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250
[CV 5/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3630.176)
total time= 54.4s
[CV 3/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-405.221, test=-3496.116)
total time= 4.3s
[CV 1/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-27.857, test=-3426.825)
total time= 10.7s
[CV 4/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-24.749, test=-3487.937)
total time= 10.7s
[CV 2/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-0.348, test=-3286.391)
total time= 21.5s
[CV 5/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-0.304, test=-3485.805)
total time= 21.4s
[CV 1/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.191, test=-3421.224)
total time= 56.3s
[CV 4/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3486.004)
total time= 1.9min
[CV 2/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.003, test=-3288.968)
total time= 55.8s
[CV 5/5; 2338/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2338/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3507.672)

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total time= 1.9min
[CV 3/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.001, test=-3502.892)
total time= 55.2s
[CV 1/5; 2346/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2346/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-903.877, test=-3395.278)
total time= 2.1s
[CV 3/5; 2346/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2346/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-968.641, test=-3426.169)
total time= 2.2s
[CV 5/5; 2346/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2346/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1024.331, test=-3403.221)
total time= 2.2s
[CV 2/5; 2347/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 2347/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-349.301, test=-3279.159)
total time= 4.3s
[CV 4/5; 2347/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2347/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-401.419, test=-3453.818)
total time= 4.2s
[CV 2/5; 2348/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 2348/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-19.998, test=-3282.917)
total time= 10.5s
[CV 5/5; 2348/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 2348/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-23.515, test=-3501.549)
total time= 10.6s
[CV 3/5; 2349/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 2349/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-0.640, test=-3503.251)
total time= 21.5s
[CV 1/5; 2350/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

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[CV 1/5; 2350/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.413, test=-3439.513)
total time= 44.5s
[CV 4/5; 2351/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 2351/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3487.362)
total time= 53.4s

[CV 4/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3526.094)
total time= 1.9min
[CV 2/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3361.558)
total time= 54.7s
[CV 5/5; 2324/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 2324/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3595.264)
total time= 1.9min
[CV 3/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.001, test=-3500.432)
total time= 55.3s
[CV 1/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-903.877, test=-3411.209)
total time= 2.1s
[CV 3/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-968.641, test=-3421.816)
total time= 2.2s
[CV 5/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1024.331, test=-3405.301)
total time= 2.2s
[CV 2/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-349.301, test=-3288.138)

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total time= 4.4s
[CV 5/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-383.660, test=-3506.763)
total time= 4.3s
[CV 3/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-40.891, test=-3484.796)
total time= 10.9s
[CV 1/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1.823, test=-3425.214)
total time= 21.8s
[CV 4/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-0.479, test=-3490.311)
total time= 21.5s
[CV 2/5; 2336/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 2336/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.200, test=-3326.602)
total time= 45.0s
[CV 5/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.002, test=-3509.278)
total time= 56.0s
[CV 5/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-383.660, test=-3526.889)
total time= 4.3s
[CV 3/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-40.891, test=-3470.506)
total time= 10.8s
[CV 1/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1.823, test=-3442.283)
total time= 21.7s
[CV 4/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 4/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-0.479, test=-3496.523)
total time= 21.5s

[CV 4/5; 2343/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 4/5; 2343/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3482.616)
total time= 42.8s

[CV 1/5; 2345/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 1/5; 2345/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.002, test=-3442.257)
total time= 1.9min

[CV 4/5; 2350/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 4/5; 2350/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3483.533)
total time= 42.9s

[CV 5/5; 2351/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 5/5; 2351/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.002, test=-3509.770)
total time= 55.5s

[CV 3/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 3/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-205.493, test=-3681.898)
total time= 4.4s

[CV 1/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 1/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1.320, test=-3402.213)
total time= 10.8s

[CV 4/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 4/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1.656, test=-3404.173)
total time= 10.8s

[CV 2/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 2/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.003, test=-3268.631)
total time= 21.8s

[CV 5/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 5/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.002, test=-3627.421)

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total time= 21.9s
[CV 5/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3624.319)
total time= 43.9s
[CV 3/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3734.290)
total time= 1.9min
[CV 5/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3747.945)
total time= 43.9s
[CV 3/5; 2296/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 2296/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3733.695)
total time= 1.9min
[CV 5/5; 2301/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 2301/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3635.211)
total time= 43.6s
[CV 3/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3447.804)
total time= 1.9min
[CV 5/5; 2308/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 2308/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3611.541)
total time= 43.3s
[CV 3/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3443.694)
total time= 1.9min
[CV 5/5; 2315/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 2315/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3594.670)
total time= 43.1s
[CV 3/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

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[CV 3/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3455.693)
total time= 1.9min

[CV 5/5; 2322/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 5/5; 2322/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3613.506)
total time= 43.3s

[CV 3/5; 2324/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 3/5; 2324/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3457.497)
total time= 1.9min

[CV 5/5; 2329/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 5/5; 2329/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.006, test=-3494.005)
total time= 43.6s

[CV 3/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 3/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3508.108)
total time= 1.9min

[CV 5/5; 2336/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 5/5; 2336/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.006, test=-3509.258)
total time= 43.9s

[CV 3/5; 2338/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 3/5; 2338/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3483.551)
total time= 1.9min

[CV 3/5; 2343/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 3/5; 2343/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.004, test=-3495.309)
total time= 43.8s

[CV 2/5; 2345/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 2/5; 2345/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3298.616)
total time= 1.9min

[CV 3/5; 2350/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 3/5; 2350/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.004, test=-3501.598)
total time= 43.7s

[CV 2/5; 2352/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 2352/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3298.786)
total time= 1.7min

[CV 4/5; 2349/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 2349/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-0.479, test=-3487.391)
total time= 21.5s

[CV 2/5; 2350/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 2350/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.008, test=-3273.462)
total time= 43.8s

[CV 1/5; 2352/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2352/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-3448.465)
total time= 1.8min

[CV 5/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3598.532)
total time= 54.6s

[CV 1/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-14.638, test=-3332.241)
total time= 10.8s

[CV 4/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-9.349, test=-3411.426)
total time= 10.9s

[CV 2/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-0.088, test=-3361.011)
total time= 21.6s

[CV 5/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-0.070, test=-3626.515)
total time= 21.6s

[CV 1/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 1/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3339.406)
total time= 54.0s
[CV 4/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3430.626)
total time= 1.9min
[CV 2/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3337.057)
total time= 54.3s
[CV 5/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3612.911)
total time= 1.9min
[CV 3/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3444.277)
total time= 55.5s
[CV 1/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-903.877, test=-3386.754)
total time= 2.1s
[CV 3/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-968.641, test=-3417.477)
total time= 2.2s
[CV 5/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1024.331, test=-3392.624)
total time= 2.1s
[CV 2/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-349.301, test=-3271.404)
total time= 4.3s
[CV 5/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-383.660, test=-3499.589)

```



```

total time= 4.3s
[CV 3/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-40.891, test=-3497.844)
total time= 10.8s
[CV 1/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1.823, test=-3421.874)
total time= 21.8s
[CV 4/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-0.479, test=-3476.346)
total time= 21.5s
[CV 3/5; 2329/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 2329/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.004, test=-3498.297)
total time= 44.0s
[CV 2/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3287.002)
total time= 1.9min
[CV 4/5; 2336/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2336/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3496.028)
total time= 42.8s
[CV 1/5; 2338/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2338/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.002, test=-3439.744)
total time= 1.9min
[CV 5/5; 2343/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2343/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.006, test=-3487.492)
total time= 43.7s
[CV 3/5; 2345/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 2345/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3493.636)
total time= 1.9min
[CV 5/5; 2350/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

```

[CV 5/5; 2350/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.006, test=-3480.583)
total time= 44.1s

[CV 3/5; 2352/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 3/5; 2352/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3518.062)
total time= 1.8min

[CV 2/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 2/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.003, test=-3281.303)
total time= 55.4s

[CV 5/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 5/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3501.352)
total time= 1.9min

[CV 4/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 4/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3471.884)
total time= 54.2s

[CV 1/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 1/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-903.877, test=-3409.596)
total time= 2.2s

[CV 3/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 3/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-968.641, test=-3422.772)
total time= 2.2s

[CV 5/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 5/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1024.331, test=-3408.372)
total time= 2.2s

[CV 2/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 2/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-349.301, test=-3265.874)
total time= 4.2s

[CV 4/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 4/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-401.419, test=-3446.318)

```

total time= 4.3s
[CV 2/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-19.998, test=-3281.731)
total time= 10.6s
[CV 5/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-23.515, test=-3511.581)
total time= 10.7s
[CV 3/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-0.640, test=-3492.294)
total time= 21.6s
[CV 1/5; 2343/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2343/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.413, test=-3432.799)
total time= 44.8s
[CV 4/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3485.068)
total time= 54.2s
[CV 2/5; 2346/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 2346/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1005.610, test=-3159.636)
total time= 2.2s
[CV 4/5; 2346/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 2346/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1063.582, test=-3334.041)
total time= 2.2s
[CV 1/5; 2347/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 2347/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-453.000, test=-3371.556)
total time= 4.4s
[CV 3/5; 2347/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 2347/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-405.221, test=-3499.167)
total time= 4.3s
[CV 1/5; 2348/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

```

[CV 1/5; 2348/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-27.857, test=-3407.089)
total time= 10.8s

[CV 4/5; 2348/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 4/5; 2348/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-24.749, test=-3485.406)
total time= 10.6s

[CV 2/5; 2349/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 2/5; 2349/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2.363, test=-3321.201)
total time= 21.8s

[CV 5/5; 2349/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 5/5; 2349/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-0.304, test=-3479.241)
total time= 21.2s

[CV 1/5; 2351/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 1/5; 2351/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.191, test=-3437.465)
total time= 56.0s

[CV 4/5; 2352/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 4/5; 2352/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3484.708)
total time= 1.6min

[CV 2/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 2/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-0.348, test=-3284.159)
total time= 21.4s

[CV 5/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 5/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-0.304, test=-3497.775)
total time= 21.3s

[CV 1/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.191, test=-3412.437)
total time= 56.4s

[CV 4/5; 2345/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 2345/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3482.123)

```
total time= 1.8min
[CV 2/5; 2351/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 2351/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.003, test=-3280.219)
total time= 55.2s
[CV 5/5; 2352/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 2352/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3487.846)
total time= 1.7min
```

```
[ ]: train_X, val_X, train_y, val_y =  
      ↪train_test_split(x_train,y_train,random_state=1,test_size=0.2)
```

LINEAR REGRESSION

```
[ ]: from sklearn.linear_model import LinearRegression

lr = LinearRegression(n_jobs=-1)
modl = lr.fit(x_train, y_train)

#print(f"r2 score (training): {gbr_reg0.score(x_train, y_train)}")

train_pred = lr.predict(x_train)
val_pred = lr.predict(val_X)
print(f"rmse score (training): {np.sqrt(mse(y_train,train_pred,  
      ↪squared=False))}")
print(f"r2 score sklearn score (training): {r2_score(y_train,train_pred)}")

print('-----')
print(f"rmse score (cv): {np.sqrt(mse(val_y,val_pred, squared=False))}")
print(f"r2 score sklearn score (cv): {r2_score(val_y,val_pred)}")
```

```
rmse score (training): 49.435388214389185
r2 score sklearn score (training): 0.21494806177806292
-----
rmse score (cv): 47.95158506550951
r2 score sklearn score (cv): 0.2757553999515753
```

GBDT

```
[ ]: gbr_reg = GradientBoostingRegressor(learning_rate= 0.01, max_depth = 3,  
      ↪min_samples_leaf = 10, min_samples_split = 15, n_estimators = 10, verbose=1)
gbr_reg.fit(train_X, train_y)

#print("r2 score (training): {0:.3f}".format(gbr_reg.score(x_train, y_train)))
print(f"r2 score (training): {gbr_reg.score(train_X, train_y)}")
```

```

train_pred = gbr_reg.predict(train_X)
val_pred = gbr_reg.predict(val_X)
print(f"rmse score (training): {np.sqrt(mse(train_y,train_pred,
→squared=False))}")
print(f"r2 score sklearn score (training): {r2_score(train_y,train_pred)}")

print('-----')
print(f"rmse score (cv): {np.sqrt(mse(val_y,val_pred, squared=False))}")
print(f"r2 score sklearn score (cv): {r2_score(val_y,val_pred)}")

```

Iter	Train Loss	Remaining Time
1	7655071.7162	0.18s
2	7627746.7221	0.16s
3	7600965.4953	0.14s
4	7574717.2150	0.12s
5	7548991.2754	0.10s
6	7523777.2821	0.08s
7	7499065.0472	0.06s
8	7474844.5858	0.04s
9	7451106.1115	0.02s
10	7427840.0329	0.00s

r2 score (training): 0.033204880290463756
rmse score (training): 52.20542498397856
r2 score sklearn score (training): 0.033204880290463756

rmse score (cv): 51.48942373699274
r2 score sklearn score (cv): 0.03717907415501032

```

[ ]: import pickle
pickle.dump((gbr_reg),open('/home/samuelnik15/cs-2/trns1/trns_gbr_model1.
→pkl','wb'))

```

0.1.1 predict model 1

```

[ ]: gbr_reg.predict(x_test1)

```

```

[ ]: array([4314.83797026, 4507.84249542, 4655.27662793, 4273.92186402,
4432.97833196, 4259.7201481 , 4360.08481737, 4195.62740469,
3386.64429007, 4528.15285502, 4672.81720825, 4453.83279035,
4624.04993775, 4261.12386573, 4181.78942598, 4285.62742602,
4359.12156018, 4572.35590654, 4455.01864291, 4247.58963101,
3650.15711641, 4655.27662793, 4571.03272731, 4442.04228157,
4293.03786731, 4559.3795452 , 3219.56045727, 4244.87504275,
4455.01864291, 4572.35590654, 4368.42704418, 4501.28248165,
4291.49891608, 3307.4128828 , 3761.14107593, 4455.01864291,
4294.44158494, 4476.45882381, 4618.4764061 , 4506.71267412,

```

4605.84018987, 4624.04993775, 4315.80122745, 4402.00143247,
4441.48071789, 3969.09905744, 3894.65875513, 3521.00412401,
4314.83797026, 4529.34234933, 4393.56910069, 3638.43847126,
4397.75869165, 4359.12156018, 3362.80892079, 3136.52188643,
4723.1774535 , 4189.75722059, 4073.54419577, 3119.9787841 ,
4359.12156018, 4388.10790996, 3108.37505633, 3486.42305752,
3532.04836586, 4459.01871418, 4020.58503156, 4476.45882381,
4506.71267412, 4182.09061366, 3548.84391104, 4582.99678085,
4529.96735933, 4572.35590654, 4078.29014106, 4309.73142978,
4357.02094846, 4195.62740469, 4327.79576414, 3356.64265987,
4557.01640863, 3215.90558886, 4020.98803938, 4506.71267412,
4359.12156018, 4515.09595528, 4438.27531392, 4209.18025764,
4655.27662793, 4483.8692651 , 3542.54138853, 4399.90082075,
4439.94166985, 4549.59254641, 4851.58257099, 3886.88296556,
3990.00109967, 4353.58788523, 3326.54528696, 3550.0875574 ,
4241.34383611, 3703.99007799, 4475.05510619, 3761.14107593,
4214.36382936, 4432.1752339 , 4491.37306276, 4364.67796107,
4431.14107234, 5052.37079 , 3848.62458282, 4026.59610985,
4314.7673752 , 4506.71267412, 4498.9829556 , 3414.16896381,
4572.35590654, 3944.52166554, 4343.78206227, 4566.78998649,
4476.45882381, 4359.12156018, 4359.12156018, 3638.43847126,
4314.7673752 , 4001.00395833, 3316.05226428, 4100.81628437,
3220.15518155, 3516.08739441, 4359.12156018, 4291.52448742,
4506.71267412, 5184.4177017 , 4559.3795452 , 4476.45882381,
4242.74755373, 3701.8075433 , 4396.35869882, 4410.81559139,
4542.25903766, 4506.71267412, 4624.04993775, 4377.288658 ,
4589.6333955 , 4505.52682155, 4290.11021551, 3307.4128828 ,
4295.99173806, 3583.49665057, 4314.83797026, 4410.81559139,
4474.35821209, 4798.49779379, 4363.12163146, 4455.01864291,
4526.88486498, 4442.04228157, 4537.50579392, 4465.48597245,
3343.40420114, 4366.53200147, 4208.63604867, 4366.66772905,
4229.0881282 , 4357.02094846, 4498.40157331, 4506.71267412,
4537.9393643 , 4483.8692651 , 4624.04993775, 4519.3386961 ,
4217.84778367, 4615.23577883, 4259.7201481 , 4455.01864291,
4474.35821209, 4341.68145055, 4483.53059686, 4624.04993775,
4143.93337348, 4624.04993775, 3765.86123033, 4332.1323433 ,
4402.00143247, 4278.18108761, 4599.39352493, 4122.49319258,
4410.81559139, 4589.6333955 , 4359.12156018, 4239.83045621,
3456.63078342, 4624.02436641, 4595.65342665, 4093.78627288,
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3889.35424541, 4359.12156018, 3234.87481312, 4191.85783231,
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4442.04228157, 4410.81559139, 4357.71784255, 4322.46467753,
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3638.43847126, 4412.0050857 , 4572.35590654, 4199.2682736 ,
4506.71267412, 4366.53200147, 4497.8985152 , 3760.10840901,
4278.18108761, 4458.01030428, 4093.78627288, 3733.78519826,
4506.71267412, 4470.31971096, 4624.04993775, 4189.75722059,
4410.81559139, 3374.71605189, 4611.07357641, 4455.01864291,
3326.54528696, 3488.54851378, 4476.45882381, 4572.35590654])

0.2 transfer learning res-net

```
[ ]: x_train_data_cmn = pd.read_csv('train_model_2_transfer_learning.csv')
x_train_data_cmn.head(3)
```

```
[ ]: Unnamed: 0  index      Image_path Insurance_company  Cost_of_vehicle  \
0           0    953  img_453456.jpg                A        53400.0
1           1    618  img_4517650.jpg             AC        25900.0
2           2     81  img_7768013.jpg             RE        42000.0

      Min_coverage  Expiry_date  Max_coverage  year  month  ...      54  \
0          1335.0  2028-10-20      46495.68  2028    10  ...  92.012764
1           647.5  2026-05-24      6553.00  2026     5  ...  93.089096
2          1050.0  2024-05-25      10578.00  2024     5  ...  93.342850

      55      56      57      58      59      60  \
0  93.187930  111.660034  86.647896  96.04712  66.374084  140.45737
1  94.225620  112.889030  87.628010  97.14067  67.172850  142.05287
2  94.519936  113.231180  87.884190  97.40159  67.330660  142.44243

      61      62      63
0  89.291084  72.71385  127.728035
1  90.279120  73.57877  129.153990
2  90.538930  73.79556  129.568200
```

[3 rows x 92 columns]

```
[ ]: test_data_f = pd.read_csv('test_model_2_transfer_learning.csv')
test_data_f.head(3)
```

```
[ ]: Unnamed: 0      Image_path Insurance_company  Cost_of_vehicle  \
0           0  img_4538519.jpg                B        23600
1           1  img_7766002.jpg                C        28300
2           2  img_4637390.jpg             AC        43700

      Min_coverage  Expiry_date  Max_coverage  year  month  month_day  ...  \
0           590.0  2025-04-12      5978.0  2025     4         12  ...
1           707.5  2028-08-24      7153.0  2028     8         24  ...
2          1092.5  2023-11-28     11003.0  2023    11         28  ...

      54      55      56      57      58      59  \
0  93.43805  94.619606  113.314500  87.96481  97.460335  67.382835
1  102.62312  102.479774  122.313446  95.69423  106.225810  74.629745
2  101.10958  100.920310  120.265050  94.18951  104.469890  73.505110

      60      61      62      63
0  142.53587  90.58909  73.91934  129.72935
```

```
1 155.23280 97.93947 81.63247 140.63248
2 152.65480 96.25206 80.66325 138.59407
```

[3 rows x 89 columns]

```
[ ]: final_train, final_test_1 = ohe_transform(x_train_data_cmn, test_data_f,
→ 'Insurance_company')
```

```
[ ]: final_train.columns
final_train.drop(['index', 'index.1'], axis=1, inplace=True)
```

```
[ ]: x_train, x_test1, = min_max_scaler(final_train, final_test_1)
```

```
[ ]: y_train = x_train['Amount']
x_train.drop(['Amount'], axis=1, inplace=True)
x_train.head(3)
```

```
[ ]: Cost_of_vehicle  Min_coverage  Max_coverage      year      month  month_day \
0      1.847890      1.847890      5.093557  1.463913  0.914948  0.504673
1     -1.336807     -1.336807     -0.660440  0.519910 -0.486730  0.971938
2      0.527688      0.527688     -0.080614 -0.424093 -0.486730  1.088755
```

```
      yr_day  week_day  week_no  lux_seg  ...      AA      AC      B \
0  0.960015  0.531612  0.934888      1  ... -0.310475 -0.304908 -0.343955
1 -0.419247  1.538686 -0.417055      0  ... -0.310475  3.279680 -0.343955
2 -0.400857  1.035149 -0.417055      0  ... -0.310475 -0.304908 -0.343955
```

```
      BB      BC      BQ      C      DA      O      RE
0 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688
1 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688
2 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609  3.325710
```

[3 rows x 96 columns]

```
[ ]: x_test1.head(3)
```

```
[ ]: Cost_of_vehicle  Min_coverage  Max_coverage      year      month  month_day \
0     -1.603163     -1.603163     -0.743273  0.047909 -0.767066 -0.429857
1     -1.058870     -1.058870     -0.574007  1.463913  0.354277  0.971938
2      0.724560      0.724560     -0.019390 -0.896094  1.195284  1.439203
```

```
      yr_day  week_day  week_no  lux_seg  ...      AA      AC      B \
0 -0.805440  1.035149 -0.803324      0  ... -0.310475 -0.304908  2.907353
1  0.435895  0.028074  0.419862      0  ... -0.310475 -0.304908 -0.343955
2  1.309428 -0.979001  1.321157      0  ... -0.310475  3.279680 -0.343955
```

```
      BB      BC      BQ      C      DA      O      RE
```

```

0 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688
1 -0.311857 -0.3077 -0.321422  3.111172 -0.317345 -0.314609 -0.300688
2 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688

```

[3 rows x 96 columns]

```

[ ]: y_train = x_train_data_cm[n]['Amount']
      #x_train.drop(['Amount'], axis=1, inplace=True)

```

```

[ ]: %%time
      from sklearn.ensemble import GradientBoostingRegressor
      from sklearn.model_selection import RandomizedSearchCV, GridSearchCV
      from tqdm import tqdm

      gbr = GradientBoostingRegressor()

      params = {
          'learning_rate' : [0.05, 0.075, 0.1, 0.25, 0.5, 0.75, 1],
          'n_estimators' : [10, 20, 50, 100, 200, 250, 500],
          'min_samples_split' : [2,5,10,15],
          'min_samples_leaf' : [2,5,8,10],
          'max_depth' : [3,5,8]
      }

      random_reg=GridSearchCV(gbr, param_grid=params, verbose=10, cv = 3, scoring =_
          ->'neg_root_mean_squared_error', return_train_score = True, n_jobs=-1)
      model_rg = random_reg.fit(x_train, y_train)

```

```

Fitting 3 folds for each of 2352 candidates, totalling 7056 fits
[CV 3/3; 2/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/3; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2419.520, test=-2706.118)
total time= 1.1s
[CV 2/3; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/3; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2020.699, test=-2650.784)
total time= 10.8s
[CV 1/3; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/3; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2668.801, test=-2448.243)
total time= 0.5s
[CV 2/3; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

```

```

[CV 2/3; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2565.710, test=-2637.009)
total time= 0.6s
[CV 3/3; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/3; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2504.026, test=-2755.045)
total time= 0.5s
[CV 2/3; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/3; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2483.163, test=-2587.852)
total time= 1.1s
[CV 1/3; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/3; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2463.816, test=-2384.899)
total time= 2.7s
[CV 2/3; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/3; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2241.240, test=-2610.344)
total time= 5.4s
[CV 1/3; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/3; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1941.087, test=-2452.970)
total time= 12.7s
[CV 2/3; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/3; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2483.163, test=-2588.775)
total time= 1.1s
[CV 1/3; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/3; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2469.821, test=-2383.753)
total time= 2.7s
[CV 2/3; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/3; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2250.932, test=-2606.463)
total time= 5.1s
[CV 3/3; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/3; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1987.013, test=-2730.550)
total time= 10.8s

```

```

[CV 2/3; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/3; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1528.160, test=-2782.331)
total time= 27.3s
[CV 1/3; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/3; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2593.922, test=-2398.399)
total time= 1.1s
[CV 1/3; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/3; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2470.861, test=-2384.002)
total time= 2.7s
[CV 2/3; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/3; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2261.534, test=-2594.101)
total time= 5.5s
[CV 2/3; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/3; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1945.105, test=-2659.589)
total time= 13.5s
[CV 2/3; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/3; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2484.827, test=-2586.459)
total time= 1.1s
[CV 2/3; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/3; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2373.058, test=-2573.147)
total time= 2.7s
[CV 3/3; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/3; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2197.786, test=-2692.670)
total time= 5.4s
[CV 2/3; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/3; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1945.105, test=-2658.751)
total time= 13.6s
[CV 1/3; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/3; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=20;; score=(train=-2593.922, test=-2398.511)
total time= 1.1s
[CV 1/3; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/3; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2470.861, test=-2381.696)
total time= 2.7s
[CV 2/3; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/3; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2261.534, test=-2595.320)
total time= 5.4s
[CV 1/3; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/3; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1995.100, test=-2458.900)
total time= 13.8s
[CV 2/3; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/3; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2567.388, test=-2635.490)
total time= 0.5s
[CV 3/3; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/3; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2507.314, test=-2751.886)
total time= 0.6s
[CV 3/3; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/3; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2427.625, test=-2694.402)
total time= 1.1s[CV 1/3; 2/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 1/3; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2589.840, test=-2399.757)
total time= 1.1s
[CV 3/3; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/3; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2183.935, test=-2709.457)
total time= 5.4s
[CV 2/3; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/3; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1498.299, test=-2774.213)
total time= 26.5s
[CV 2/3; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

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[CV 2/3; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1489.222, test=-2776.897)
total time= 26.7s
[CV 1/3; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/3; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2594.558, test=-2396.439)
total time= 1.1s
[CV 2/3; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/3; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2383.659, test=-2573.182)
total time= 2.7s
[CV 3/3; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/3; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2197.846, test=-2695.697)
total time= 5.4s
[CV 2/3; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/3; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1960.757, test=-2659.072)
total time= 13.6s
[CV 2/3; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/3; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2566.500, test=-2636.423)
total time= 0.6s
[CV 2/3; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/3; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2484.827, test=-2586.814)
total time= 1.1s
[CV 2/3; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/3; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2373.058, test=-2573.135)
total time= 2.7s
[CV 3/3; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/3; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2197.786, test=-2692.152)
total time= 5.4s
[CV 1/3; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/3; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1995.100, test=-2458.340)
total time= 13.4s

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[CV 1/3; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/3; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2593.922, test=-2398.423)
total time= 1.1s
[CV 1/3; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/3; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2470.861, test=-2381.533)
total time= 2.7s
[CV 2/3; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/3; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2261.534, test=-2594.922)
total time= 5.4s
[CV 1/3; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/3; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1995.100, test=-2456.989)
total time= 13.4s
[CV 2/3; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/3; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2566.500, test=-2636.340)
total time= 0.5s
[CV 2/3; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/3; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2484.827, test=-2586.645)
total time= 1.1s
[CV 2/3; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/3; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2373.058, test=-2573.883)
total time= 2.7s
[CV 3/3; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/3; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2197.790, test=-2693.172)
total time= 5.4s
[CV 2/3; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/3; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1945.105, test=-2659.099)
total time= 13.5s
[CV 1/3; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/3; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-2672.482, test=-2446.621)
total time= 0.6s
[CV 1/3; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/3; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2594.619, test=-2396.647)
total time= 1.3s
[CV 2/3; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/3; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2382.232, test=-2571.876)
total time= 2.9s
[CV 3/3; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/3; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2201.234, test=-2689.927)
total time= 5.4s
[CV 2/3; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/3; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1962.543, test=-2660.395)
total time= 13.6s
[CV 2/3; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/3; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2488.747, test=-2587.432)
total time= 1.1s
[CV 3/3; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50[CV 3/3; 1/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 3/3; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2504.026, test=-2755.045)
total time= 0.6s
[CV 2/3; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/3; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2240.323, test=-2602.060)
total time= 5.5s
[CV 1/3; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/3; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1521.196, test=-2521.830)
total time= 27.9s
[CV 1/3; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/3; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2668.801, test=-2448.211)
total time= 0.6s

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[CV 2/3; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/3; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2565.710, test=-2637.009)
total time= 0.5s
[CV 3/3; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/3; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2504.026, test=-2755.045)
total time= 0.5s
[CV 1/3; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/3; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2589.840, test=-2399.074)
total time= 1.1s
[CV 3/3; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/3; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2419.992, test=-2706.334)
total time= 1.1s
[CV 2/3; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/3; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2376.810, test=-2575.391)
total time= 2.7s
[CV 3/3; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/3; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2188.287, test=-2704.761)
total time= 5.8s
[CV 2/3; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/3; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1938.437, test=-2680.305)
total time= 13.6s
[CV 3/3; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/3; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2419.992, test=-2706.456)
total time= 1.1s
[CV 1/3; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/3; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2328.066, test=-2388.922)
total time= 5.4s
[CV 3/3; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/3; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200;; score=(train=-2003.161, test=-2728.779)
total time= 10.8s
[CV 2/3; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/3; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1578.745, test=-2745.490)
total time= 27.0s
[CV 1/3; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/3; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2670.664, test=-2447.605)
total time= 0.5s
[CV 2/3; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/3; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2566.500, test=-2636.521)
total time= 0.5s
[CV 3/3; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/3; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2507.314, test=-2751.886)
total time= 0.6s
[CV 3/3; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/3; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2427.625, test=-2694.402)
total time= 1.1s
[CV 3/3; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/3; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2324.375, test=-2668.601)
total time= 2.7s
[CV 1/3; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/3; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2090.061, test=-2440.249)
total time= 10.8s
[CV 3/3; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/3; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1892.230, test=-2730.469)
total time= 13.4s
[CV 2/3; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/3; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2054.784, test=-2648.584)
total time= 10.8s
[CV 1/3; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500
[CV 1/3; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1622.231, test=-2512.502)
total time= 26.7s
[CV 3/3; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/3; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1529.120, test=-2794.060)
total time= 26.9s
[CV 1/3; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/3; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2477.628, test=-2379.177)
total time= 2.1s
[CV 2/3; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/3; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2258.673, test=-2588.231)
total time= 5.4s
[CV 1/3; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/3; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2066.161, test=-2450.602)
total time= 13.8s
[CV 1/3; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10[CV 2/3; 2/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 2/3; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2483.163, test=-2587.749)
total time= 1.1s
[CV 1/3; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/3; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2044.190, test=-2431.105)
total time= 10.8s
[CV 3/3; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/3; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1440.132, test=-2797.522)
total time= 27.3s
[CV 1/3; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/3; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2313.303, test=-2393.120)
total time= 5.4s
[CV 1/3; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/3; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250;; score=(train=-1959.560, test=-2451.935)
total time= 13.4s
[CV 1/3; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/3; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2672.482, test=-2446.590)
total time= 0.5s
[CV 2/3; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/3; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2566.599, test=-2638.325)
total time= 0.5s
[CV 3/3; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/3; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2504.026, test=-2755.045)
total time= 0.5s
[CV 2/3; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/3; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2485.362, test=-2586.488)
total time= 1.1s
[CV 3/3; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/3; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2315.606, test=-2684.086)
total time= 2.7s
[CV 1/3; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/3; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2104.678, test=-2421.354)
total time= 10.8s
[CV 3/3; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/3; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1909.396, test=-2746.014)
total time= 13.4s
[CV 2/3; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/3; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2054.784, test=-2649.511)
total time= 10.8s
[CV 1/3; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/3; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1622.231, test=-2513.732)
total time= 26.9s
[CV 3/3; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500
[CV 3/3; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1519.752, test=-2803.002)
total time= 27.2s
[CV 1/3; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/3; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2478.551, test=-2383.037)
total time= 2.9s
[CV 2/3; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/3; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2260.923, test=-2588.446)
total time= 5.4s
[CV 1/3; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/3; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1995.746, test=-2456.148)
total time= 13.7s
[CV 2/3; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/3; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2567.257, test=-2636.842)
total time= 0.5s
[CV 1/3; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/3; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2595.623, test=-2397.062)
total time= 1.1s
[CV 2/3; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/3; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2381.441, test=-2569.250)
total time= 2.7s
[CV 3/3; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/3; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2209.875, test=-2714.869)
total time= 5.4s
[CV 2/3; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/3; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1986.793, test=-2638.135)
total time= 13.5s
[CV 2/3; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/3; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2488.747, test=-2587.432)

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total time= 1.1s
[CV 3/3; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/3; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2335.988, test=-2684.231)
total time= 2.8s
[CV 1/3; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/3; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2162.321, test=-2432.723)
total time= 11.0s
[CV 3/3; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/3; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1911.119, test=-2767.946)
total time= 13.5s
[CV 2/3; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/3; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2077.648, test=-2625.102)
total time= 10.8s
[CV 1/3; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500[CV 1/3; 3/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 1/3; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2463.816, test=-2384.849)
total time= 2.7s
[CV 1/3; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/3; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1942.269, test=-2457.101)
total time= 13.6s
[CV 3/3; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/3; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2311.119, test=-2684.752)
total time= 2.7s
[CV 1/3; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/3; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2038.792, test=-2439.989)
total time= 11.3s
[CV 1/3; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/3; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1525.289, test=-2537.160)
total time= 27.6s
[CV 3/3; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500
[CV 3/3; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1508.240, test=-2775.063)
total time= 26.9s
[CV 1/3; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/3; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2321.105, test=-2407.114)
total time= 5.4s
[CV 3/3; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/3; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1993.604, test=-2719.757)
total time= 10.7s
[CV 2/3; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/3; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1531.127, test=-2750.999)
total time= 26.8s
[CV 1/3; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/3; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2670.664, test=-2447.622)
total time= 0.6s
[CV 3/3; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/3; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2507.314, test=-2751.886)
total time= 0.5s
[CV 3/3; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/3; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2427.625, test=-2694.402)
total time= 1.1s
[CV 1/3; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/3; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2321.105, test=-2407.276)
total time= 5.4s
[CV 3/3; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/3; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1993.610, test=-2717.802)
total time= 10.8s
[CV 2/3; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/3; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1531.127, test=-2746.881)

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total time= 28.3s
[CV 1/3; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/3; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2672.505, test=-2446.512)
total time= 0.5s
[CV 3/3; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/3; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2509.314, test=-2754.093)
total time= 0.6s
[CV 3/3; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/3; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2431.723, test=-2700.317)
total time= 1.0s
[CV 1/3; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/3; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2365.841, test=-2401.013)
total time= 5.5s
[CV 3/3; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/3; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2005.232, test=-2749.654)
total time= 10.7s
[CV 2/3; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/3; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1616.953, test=-2731.502)
total time= 27.0s
[CV 2/3; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/3; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2567.257, test=-2637.017)
total time= 0.6s
[CV 1/3; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/3; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2595.623, test=-2397.220)
total time= 1.1s
[CV 2/3; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/3; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2381.441, test=-2569.766)
total time= 2.7s
[CV 3/3; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

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[CV 3/3; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2209.875, test=-2714.951)
total time= 5.4s
[CV 2/3; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/3; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1986.793, test=-2635.523)
total time= 13.5s
[CV 2/3; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/3; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2488.747, test=-2587.432)
total time= 1.0s
[CV 1/3; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/3; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2477.628, test=-2379.395)
total time= 2.7s
[CV 2/3; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100[CV 1/3; 1/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 1/3; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2668.801, test=-2448.228)
total time= 0.6s
[CV 1/3; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/3; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2302.109, test=-2392.972)
total time= 5.4s
[CV 3/3; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/3; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1860.497, test=-2756.212)
total time= 13.5s
[CV 2/3; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/3; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2014.868, test=-2654.183)
total time= 10.9s
[CV 3/3; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/3; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1867.347, test=-2750.956)
total time= 13.9s
[CV 2/3; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/3; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2039.313, test=-2648.846)

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total time= 10.9s
[CV 1/3; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/3; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1602.441, test=-2510.081)
total time= 27.0s
[CV 1/3; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/3; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2670.664, test=-2447.605)
total time= 0.5s
[CV 3/3; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/3; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2507.314, test=-2751.886)
total time= 0.6s
[CV 3/3; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/3; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2427.625, test=-2694.402)
total time= 1.1s
[CV 3/3; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/3; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2324.374, test=-2668.635)
total time= 2.7s
[CV 1/3; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/3; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2090.061, test=-2441.999)
total time= 10.8s
[CV 3/3; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/3; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1892.230, test=-2728.102)
total time= 13.3s
[CV 2/3; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/3; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2054.784, test=-2648.580)
total time= 10.8s
[CV 1/3; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/3; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1622.231, test=-2517.515)
total time= 27.0s
[CV 3/3; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

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[CV 3/3; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1520.886, test=-2779.576)
total time= 27.2s
[CV 1/3; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/3; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2477.628, test=-2379.511)
total time= 2.7s
[CV 2/3; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/3; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2258.673, test=-2587.869)
total time= 5.4s
[CV 1/3; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/3; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2066.161, test=-2451.658)
total time= 13.4s
[CV 3/3; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/3; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2509.314, test=-2753.428)
total time= 0.6s
[CV 3/3; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/3; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2431.723, test=-2700.513)
total time= 1.1s
[CV 1/3; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/3; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2365.841, test=-2401.305)
total time= 5.4s
[CV 3/3; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/3; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2005.232, test=-2751.668)
total time= 10.5s
[CV 2/3; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/3; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1616.953, test=-2735.774)
total time= 26.8s
[CV 1/3; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/3; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2672.505, test=-2446.496)
total time= 0.6s

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[CV 3/3; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/3; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2509.314, test=-2754.093)
total time= 0.6s
[CV 3/3; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/3; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2431.723, test=-2700.633)
total time= 1.0s
[CV 3/3; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/3; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2336.139, test=-2684.272)
total time= 2.7s
[CV 1/3; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/3; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2162.321, test=-2431.503)
total time= 10.7s[CV 2/3; 3/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 2/3; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2374.201, test=-2577.550)
total time= 2.7s
[CV 3/3; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/3; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1966.071, test=-2743.381)
total time= 10.7s
[CV 1/3; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/3; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2589.840, test=-2399.092)
total time= 1.1s
[CV 3/3; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/3; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2419.520, test=-2706.118)
total time= 1.1s
[CV 2/3; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/3; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2374.344, test=-2577.084)
total time= 2.7s
[CV 3/3; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/3; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2183.850, test=-2709.599)

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total time= 5.4s
[CV 2/3; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/3; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1906.309, test=-2673.426)
total time= 14.3s
[CV 3/3; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/3; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2315.359, test=-2683.685)
total time= 2.7s
[CV 1/3; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/3; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2058.228, test=-2443.689)
total time= 10.9s
[CV 3/3; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/3; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1893.307, test=-2748.256)
total time= 13.5s
[CV 2/3; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/3; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2050.918, test=-2634.709)
total time= 10.9s
[CV 1/3; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/3; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1624.669, test=-2524.681)
total time= 27.0s
[CV 3/3; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/3; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1520.886, test=-2776.213)
total time= 26.7s
[CV 3/3; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/3; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2324.374, test=-2668.455)
total time= 2.7s
[CV 1/3; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/3; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2090.061, test=-2441.437)
total time= 10.8s
[CV 3/3; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

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[CV 3/3; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1892.218, test=-2728.715)
total time= 13.2s
[CV 2/3; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/3; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2055.121, test=-2640.821)
total time= 10.9s
[CV 1/3; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/3; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1635.445, test=-2526.867)
total time= 26.8s
[CV 3/3; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/3; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1531.435, test=-2832.989)
total time= 26.8s
[CV 1/3; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/3; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2477.628, test=-2379.364)
total time= 2.7s
[CV 2/3; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/3; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2258.673, test=-2589.029)
total time= 5.3s
[CV 1/3; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/3; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2066.161, test=-2452.302)
total time= 13.3s
[CV 2/3; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/3; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2567.257, test=-2637.017)
total time= 0.5s
[CV 1/3; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/3; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2595.623, test=-2397.170)
total time= 1.1s
[CV 2/3; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/3; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2381.441, test=-2569.296)
total time= 2.6s

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[CV 3/3; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/3; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2209.875, test=-2715.505)
total time= 5.3s
[CV 2/3; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/3; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1986.793, test=-2638.575)
total time= 13.3s
[CV 3/3; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/3; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2509.314, test=-2753.728)
total time= 0.6s
[CV 3/3; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/3; 1/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 2/3; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2565.710, test=-2637.403)
total time= 0.5s
[CV 3/3; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/3; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2311.119, test=-2684.591)
total time= 2.7s
[CV 2/3; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/3; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1919.013, test=-2686.586)
total time= 13.5s
[CV 1/3; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/3; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2296.600, test=-2399.282)
total time= 5.4s
[CV 3/3; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/3; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1964.594, test=-2743.638)
total time= 11.3s
[CV 3/3; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/3; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1440.337, test=-2800.835)
total time= 27.0s
[CV 1/3; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 1/3; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2475.530, test=-2382.977)
total time= 2.7s
[CV 2/3; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/3; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2258.046, test=-2593.020)
total time= 5.4s
[CV 1/3; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/3; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1999.345, test=-2445.523)
total time= 13.5s
[CV 3/3; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/3; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1525.620, test=-2796.046)
total time= 26.8s
[CV 1/3; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/3; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2321.105, test=-2408.943)
total time= 5.4s
[CV 3/3; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/3; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1993.610, test=-2720.372)
total time= 10.7s
[CV 2/3; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/3; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1531.127, test=-2743.773)
total time= 27.4s
[CV 2/3; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/3; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2486.898, test=-2584.602)
total time= 1.1s
[CV 3/3; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/3; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2324.374, test=-2668.301)
total time= 3.1s
[CV 1/3; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/3; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2102.148, test=-2438.959)
total time= 10.7s

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[CV 3/3; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250
 [CV 3/3; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250;; score=(train=-1914.382, test=-2731.511)
 total time= 13.9s
 [CV 2/3; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=200
 [CV 2/3; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=200;; score=(train=-2077.648, test=-2626.368)
 total time= 10.8s
 [CV 1/3; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500
 [CV 1/3; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500;; score=(train=-1708.348, test=-2524.853)
 total time= 27.2s
 [CV 3/3; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=500
 [CV 3/3; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=500;; score=(train=-1531.435, test=-2831.131)
 total time= 26.4s
 [CV 1/3; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100
 [CV 1/3; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100;; score=(train=-2365.841, test=-2401.324)
 total time= 5.4s
 [CV 3/3; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200
 [CV 3/3; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200;; score=(train=-2005.232, test=-2749.364)
 total time= 10.6s
 [CV 2/3; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=500
 [CV 2/3; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=500;; score=(train=-1616.953, test=-2733.972)
 total time= 26.2s
 [CV 1/3; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=10
 [CV 1/3; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=10;; score=(train=-2672.562, test=-2446.597)
 total time= 0.5s
 [CV 1/3; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=20
 [CV 1/3; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=20;; score=(train=-2596.003, test=-2397.128)
 total time= 1.1s
 [CV 1/3; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=50
 [CV 1/3; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50;; score=(train=-2478.777, test=-2378.823)
total time= 2.6s
[CV 2/3; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/3; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2265.702, test=-2587.395)
total time= 5.3s
[CV 1/3; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/3; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2070.373, test=-2466.374)
total time= 13.3s
[CV 3/3; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/3; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/3; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2328.855, test=-2397.473)
total time= 5.4s
[CV 3/3; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/3; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2001.542, test=-2716.817)
total time= 10.6s
[CV 2/3; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/3; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1567.799, test=-2770.849)
total time= 26.9s
[CV 1/3; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/3; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2672.505, test=-2446.512)
total time= 0.6s
[CV 2/3; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/3; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2567.257, test=-2636.842)
total time= 0.5s
[CV 1/3; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/3; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2595.623, test=-2397.170)
total time= 1.1s
[CV 2/3; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/3; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2381.441, test=-2569.363)

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total time= 2.8s
[CV 3/3; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/3; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2209.875, test=-2715.010)
total time= 5.3s
[CV 2/3; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/3; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1986.793, test=-2635.205)
total time= 13.6s
[CV 2/3; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/3; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2488.747, test=-2587.432)
total time= 1.1s
[CV 3/3; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/3; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2336.139, test=-2684.372)
total time= 2.7s
[CV 1/3; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/3; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2162.321, test=-2434.134)
total time= 10.8s
[CV 3/3; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/3; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1911.119, test=-2768.231)
total time= 13.3s
[CV 2/3; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/3; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2077.648, test=-2626.600)
total time= 10.7s
[CV 1/3; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/3; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1708.348, test=-2528.189)
total time= 26.8s
[CV 3/3; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/3; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1613.261, test=-2818.016)
total time= 26.5s
[CV 2/3; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

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[CV 2/3; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2379.910, test=-2564.408)
total time= 2.7s
[CV 3/3; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/3; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2223.878, test=-2710.385)
total time= 5.4s
[CV 2/3; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/3; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1997.162, test=-2647.282)
total time= 13.6s
[CV 1/3; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/3; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2596.003, test=-2396.909)
total time= 1.1s
[CV 2/3; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/3; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2379.910, test=-2564.428)
total time= 2.7s
[CV 3/3; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/3; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2223.878, test=-2710.539)
total time= 5.3s
[CV 1/3; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/3; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2070.373, test=-2467.141)
total time= 13.4s
[CV 3/3; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/3; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2433.074, test=-2762.266)
total time= 0.9s
[CV 1/3; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/3; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2221.078, test=-2406.465)
total time= 4.2s
[CV 2/3; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/3; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1848.447, test=-2660.959)
total time= 8.5s

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[CV 1/3; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/3; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1135.414, test=-2527.651)
total time= 21.4s
[CV 2/3; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/3; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1845.006, test=-2662.614)
total time= 8.6s
[CV 1/3; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/3; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2672.505, test=-2446.496)
total time= 0.6s
[CV 3/3; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/3; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2509.314, test=-2754.093)
total time= 0.5s
[CV 3/3; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/3; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2431.723, test=-2700.277)
total time= 1.1s
[CV 1/3; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/3; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2365.841, test=-2401.258)
total time= 5.4s
[CV 3/3; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/3; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2005.232, test=-2748.138)
total time= 10.7s
[CV 2/3; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/3; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1616.953, test=-2734.973)
total time= 26.7s
[CV 1/3; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/3; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2672.562, test=-2446.581)
total time= 0.6s
[CV 2/3; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/3; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10;; score=(train=-2567.289, test=-2636.015)
total time= 0.5s
[CV 2/3; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/3; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2488.908, test=-2585.399)
total time= 1.1s
[CV 2/3; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/3; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2379.910, test=-2564.710)
total time= 2.7s
[CV 3/3; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/3; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2223.878, test=-2710.448)
total time= 5.3s
[CV 2/3; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/3; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1997.162, test=-2650.205)
total time= 13.4s
[CV 3/3; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/3; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2509.314, test=-2753.728)
total time= 0.5s
[CV 2/3; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/3; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2488.908, test=-2585.396)
total time= 1.1s
[CV 2/3; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/3; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2379.910, test=-2564.826)
total time= 2.7s
[CV 3/3; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/3; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2223.878, test=-2711.070)
total time= 5.4s
[CV 2/3; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/3; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1997.162, test=-2648.668)
total time= 13.5s
[CV 3/3; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20
[CV 3/3; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2431.945, test=-2699.685)
total time= 1.1s
[CV 1/3; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/3; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2355.640, test=-2404.575)
total time= 5.4s
[CV 3/3; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/3; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2034.882, test=-2736.479)
total time= 10.7s
[CV 2/3; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/3; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1647.923, test=-2731.553)
total time= 26.4s
[CV 1/3; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/3; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2609.618, test=-2446.563)
total time= 0.8s
[CV 2/3; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/3; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2491.587, test=-2646.374)
total time= 0.8s
[CV 2/3; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/3; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2352.660, test=-2613.843)
total time= 1.6s
[CV 3/3; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/3; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2069.302, test=-2704.218)
total time= 4.2s
[CV 1/3; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/3; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1390.247, test=-2496.216)
total time= 17.3s
[CV 3/3; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/3; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-509.600, test=-2835.489)

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total time= 42.5s
[CV 1/3; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/3; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2484.710, test=-2412.426)
total time= 1.7s
[CV 2/3; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/3; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2150.350, test=-2602.800)
total time= 4.2s
[CV 3/3; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2336.139, test=-2683.972)
total time= 2.7s
[CV 1/3; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/3; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2162.321, test=-2432.333)
total time= 10.8s
[CV 3/3; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/3; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1911.119, test=-2769.451)
total time= 13.5s
[CV 2/3; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/3; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2077.648, test=-2627.350)
total time= 10.9s
[CV 1/3; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/3; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1708.348, test=-2526.866)
total time= 26.9s
[CV 3/3; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/3; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1531.435, test=-2832.395)
total time= 26.5s
[CV 1/3; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/3; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2355.640, test=-2405.330)
total time= 5.2s
[CV 3/3; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/3; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2029.437, test=-2742.751)

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total time= 10.6s
[CV 2/3; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/3; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1647.923, test=-2728.516)
total time= 26.6s
[CV 1/3; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/3; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2672.562, test=-2446.581)
total time= 0.5s
[CV 2/3; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/3; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2567.289, test=-2635.907)
total time= 0.5s
[CV 1/3; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/3; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2596.003, test=-2397.019)
total time= 1.1s
[CV 1/3; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/3; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2478.777, test=-2379.131)
total time= 2.7s
[CV 2/3; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/3; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2265.702, test=-2585.152)
total time= 5.3s
[CV 1/3; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/3; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2070.373, test=-2466.787)
total time= 13.4s
[CV 2/3; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/3; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2567.289, test=-2636.015)
total time= 0.5s
[CV 2/3; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/3; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2488.908, test=-2585.954)
total time= 1.1s
[CV 3/3; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

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[CV 3/3; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2342.584, test=-2686.050)
total time= 2.7s

[CV 1/3; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 1/3; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2154.996, test=-2446.941)
total time= 10.7s

[CV 3/3; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 3/3; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1954.477, test=-2749.863)
total time= 13.2s

[CV 3/3; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 3/3; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1745.665, test=-2738.085)
total time= 8.5s

[CV 2/3; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 2/3; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1109.222, test=-2779.122)
total time= 21.5s

[CV 3/3; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 3/3; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1755.727, test=-2753.704)
total time= 8.5s

[CV 2/3; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 2/3; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1146.219, test=-2770.495)
total time= 21.4s

[CV 2/3; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

[CV 2/3; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2498.442, test=-2647.149)
total time= 0.8s

[CV 2/3; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 2/3; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2369.646, test=-2605.341)
total time= 1.6s

[CV 3/3; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 3/3; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2107.458, test=-2723.897)
total time= 4.2s

[CV 1/3; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 1/3; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-1499.243, test=-2480.887) total time= 17.2s
[CV 3/3; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 3/3; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-1232.216, test=-2826.172) total time= 21.6s
[CV 3/3; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-2431.945, test=-2699.749) total time= 1.1s
[CV 3/3; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 3/3; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-2342.585, test=-2685.463) total time= 2.7s
[CV 1/3; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 1/3; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-2154.996, test=-2446.516) total time= 10.6s
[CV 3/3; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 3/3; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1954.477, test=-2749.643) total time= 13.1s
[CV 2/3; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 2/3; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-2086.811, test=-2625.179) total time= 10.7s
[CV 1/3; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 1/3; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-1696.250, test=-2546.160) total time= 26.7s
[CV 3/3; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 3/3; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-1613.261, test=-2819.079) total time= 26.4s
[CV 3/3; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/3; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-2300.050, test=-2715.517) total time= 1.7s

[CV 1/3; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 1/3; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-1858.990, test=-2445.060) total time= 8.5s
[CV 3/3; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 3/3; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-1301.960, test=-2789.752) total time= 17.1s
[CV 3/3; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 3/3; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2306.453, test=-2717.435) total time= 1.7s
[CV 2/3; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 2/3; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-2140.291, test=-2620.502) total time= 4.2s
[CV 1/3; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 1/3; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-1880.357, test=-2427.808) total time= 8.5s
[CV 3/3; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 3/3; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-1293.934, test=-2804.832) total time= 17.0s
[CV 2/3; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 2/3; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-583.643, test=-2869.126) total time= 42.8s
[CV 1/3; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 1/3; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2497.729, test=-2404.930) total time= 1.7s
[CV 1/3; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 1/3; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-2290.693, test=-2402.310) total time= 4.2s
[CV 2/3; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 2/3; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100;; score=(train=-1901.185, test=-2616.826)
total time= 8.7s
[CV 1/3; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/3; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1399.634, test=-2520.216)
total time= 21.4s
[CV 1/3; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/3; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2485.891, test=-2407.963)
total time= 1.7s
[CV 1/3; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/3; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2245.520, test=-2408.490)
total time= 4.2s
[CV 2/3; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/3; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1890.565, test=-2643.586)
total time= 8.5s
[CV 2/3; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/3; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1304.756, test=-2735.906)
total time= 21.3s
[CV 2/3; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/3; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2503.127, test=-2642.996)
total time= 0.8s
[CV 1/3; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/3; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2485.891, test=-2408.497)
total time= 1.7s
[CV 3/3; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/3; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2322.709, test=-2715.391)
total time= 1.6s
[CV 3/3; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/3; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2113.760, test=-2726.843)
total time= 4.2s
[CV 1/3; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200
[CV 1/3; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1481.934, test=-2516.665)
total time= 16.8s
[CV 3/3; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/3; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1234.529, test=-2883.235)
total time= 21.0s
[CV 2/3; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2258.673, test=-2586.682)
total time= 5.4s
[CV 1/3; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/3; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2066.161, test=-2452.093)
total time= 13.4s
[CV 1/3; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/3; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2596.003, test=-2397.009)
total time= 1.1s
[CV 1/3; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/3; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2478.777, test=-2379.489)
total time= 2.7s
[CV 2/3; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/3; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2265.702, test=-2584.681)
total time= 5.4s
[CV 1/3; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/3; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2070.373, test=-2466.977)
total time= 13.5s
[CV 2/3; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/3; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2567.289, test=-2636.015)
total time= 0.5s
[CV 3/3; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/3; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2431.945, test=-2699.794)
total time= 1.1s
[CV 3/3; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50
[CV 3/3; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2342.585, test=-2685.498)
total time= 2.7s
[CV 1/3; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/3; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2154.996, test=-2447.685)
total time= 10.7s
[CV 3/3; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/3; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1952.912, test=-2756.216)
total time= 13.2s
[CV 2/3; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/3; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2086.811, test=-2624.484)
total time= 10.7s
[CV 1/3; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/3; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1696.250, test=-2541.473)
total time= 26.5s
[CV 3/3; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/3; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1624.925, test=-2826.751)
total time= 26.5s
[CV 1/3; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/3; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2609.852, test=-2446.463)
total time= 0.8s
[CV 2/3; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/3; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2490.844, test=-2651.278)
total time= 0.8s
[CV 3/3; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/3; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2441.427, test=-2761.702)
total time= 0.8s
[CV 1/3; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/3; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2470.939, test=-2407.312)

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total time= 1.7s
[CV 2/3; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/3; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2351.009, test=-2615.500)
total time= 1.6s
[CV 1/3; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/3; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2213.823, test=-2396.132)
total time= 4.2s
[CV 3/3; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/3; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2078.033, test=-2708.462)
total time= 4.2s
[CV 1/3; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/3; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1392.700, test=-2487.718)
total time= 17.1s
[CV 3/3; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/3; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1108.842, test=-2819.800)
total time= 21.3s
[CV 3/3; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/3; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1363.228, test=-2808.984)
total time= 17.0s
[CV 2/3; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/3; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-658.424, test=-2841.906)
total time= 42.5s
[CV 3/3; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/3; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-731.249, test=-2870.570)
total time= 42.3s
[CV 1/3; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/3; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1935.736, test=-2455.947)
total time= 8.3s
[CV 3/3; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 3/3; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1360.175, test=-2846.837)
total time= 16.6s
[CV 2/3; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/3; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-700.112, test=-2820.400)
total time= 42.0s
[CV 1/3; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1708.348, test=-2527.620)
total time= 26.8s
[CV 3/3; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/3; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1531.435, test=-2833.202)
total time= 26.7s
[CV 1/3; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/3; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2355.640, test=-2405.204)
total time= 5.4s
[CV 3/3; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/3; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2029.437, test=-2739.226)
total time= 10.5s
[CV 2/3; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/3; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1647.923, test=-2731.402)
total time= 26.8s
[CV 1/3; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/3; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2672.562, test=-2446.581)
total time= 0.5s
[CV 3/3; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/3; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2509.314, test=-2753.809)
total time= 0.6s
[CV 3/3; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/3; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2431.945, test=-2699.670)
total time= 1.1s
[CV 1/3; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

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[CV 1/3; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2355.640, test=-2404.499)
total time= 5.3s

[CV 3/3; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 3/3; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2034.882, test=-2735.441)
total time= 10.6s

[CV 2/3; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 2/3; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1647.923, test=-2731.410)
total time= 27.4s

[CV 1/3; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 1/3; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-548.583, test=-2578.553)
total time= 42.5s

[CV 1/3; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

[CV 1/3; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2619.790, test=-2454.703)
total time= 0.8s

[CV 3/3; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

[CV 3/3; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2443.249, test=-2762.802)
total time= 0.8s

[CV 1/3; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 1/3; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2258.165, test=-2401.751)
total time= 4.2s

[CV 2/3; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 2/3; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1839.120, test=-2654.247)
total time= 8.4s

[CV 1/3; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 1/3; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1279.616, test=-2519.016)
total time= 21.3s

[CV 3/3; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 3/3; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-659.394, test=-2881.122)
total time= 42.8s

[CV 1/3; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=100
 [CV 1/3; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=100;; score=(train=-1907.066, test=-2451.836)
 total time= 8.4s
 [CV 3/3; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200
 [CV 3/3; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200;; score=(train=-1360.175, test=-2849.871)
 total time= 16.7s
 [CV 2/3; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=500
 [CV 2/3; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=500;; score=(train=-700.112, test=-2823.549)
 total time= 42.3s
 [CV 2/3; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=10
 [CV 2/3; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=10;; score=(train=-2503.127, test=-2643.464)
 total time= 0.8s
 [CV 2/3; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=20
 [CV 2/3; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=20;; score=(train=-2369.704, test=-2609.084)
 total time= 1.7s
 [CV 2/3; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=50
 [CV 2/3; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=50;; score=(train=-2158.599, test=-2601.829)
 total time= 4.2s
 [CV 3/3; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100
 [CV 3/3; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100;; score=(train=-1799.771, test=-2777.595)
 total time= 8.4s
 [CV 1/3; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=250
 [CV 1/3; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=250;; score=(train=-1315.502, test=-2530.959)
 total time= 21.2s
 [CV 1/3; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=20
 [CV 1/3; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=20;; score=(train=-2491.624, test=-2411.171)
 total time= 1.6s
 [CV 1/3; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=50
 [CV 1/3; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=50;; score=(train=-2274.470, test=-2414.679)
total time= 4.2s
[CV 3/3; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/3; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1842.797, test=-2782.080)
total time= 8.0s
[CV 3/3; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/3; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1911.119, test=-2766.467)
total time= 13.3s
[CV 2/3; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/3; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2086.811, test=-2624.974)
total time= 10.7s
[CV 1/3; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/3; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1696.250, test=-2543.485)
total time= 26.8s
[CV 3/3; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/3; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1613.261, test=-2818.609)
total time= 26.6s
[CV 1/3; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/3; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2478.777, test=-2379.163)
total time= 2.7s
[CV 2/3; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/3; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2265.702, test=-2584.986)
total time= 5.4s
[CV 2/3; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/3; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1997.162, test=-2647.659)
total time= 13.5s
[CV 1/3; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/3; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2466.870, test=-2405.421)
total time= 1.7s
[CV 2/3; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50
[CV 2/3; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2134.831, test=-2617.471)
total time= 4.2s
[CV 2/3; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/3; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1324.018, test=-2737.160)
total time= 17.2s
[CV 2/3; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/3; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-534.014, test=-2867.380)
total time= 42.8s
[CV 3/3; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/3; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2314.580, test=-2720.085)
total time= 1.7s
[CV 1/3; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/3; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1968.496, test=-2425.487)
total time= 8.6s
[CV 2/3; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/3; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1427.207, test=-2706.286)
total time= 17.0s
[CV 1/3; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/3; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-654.535, test=-2571.477)
total time= 42.9s
[CV 1/3; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/3; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2621.668, test=-2453.559)
total time= 0.8s
[CV 2/3; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/3; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2503.127, test=-2643.179)
total time= 0.8s
[CV 3/3; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/3; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2454.671, test=-2759.960)

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total time= 0.8s
[CV 3/3; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/3; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2322.709, test=-2714.342)
total time= 1.7s
[CV 3/3; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/3; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2111.018, test=-2727.065)
total time= 4.2s
[CV 1/3; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/3; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1462.326, test=-2511.549)
total time= 16.9s
[CV 3/3; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/3; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1212.290, test=-2861.938)
total time= 21.1s
[CV 2/3; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/3; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1469.445, test=-2708.423)
total time= 17.1s
[CV 1/3; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/3; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-735.967, test=-2596.585)
total time= 42.4s
[CV 3/3; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/3; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-693.260, test=-2913.504)
total time= 42.1s
[CV 2/3; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/3; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2182.964, test=-2603.997)
total time= 4.1s
[CV 3/3; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/3; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1872.338, test=-2758.848)
total time= 8.3s
[CV 2/3; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

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[CV 2/3; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1382.846, test=-2768.431)
total time= 22.8s
[CV 1/3; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/3; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2509.314, test=-2753.728)
total time= 0.5s
[CV 2/3; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/3; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2488.908, test=-2586.214)
total time= 1.1s
[CV 3/3; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/3; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2342.584, test=-2685.575)
total time= 2.7s
[CV 1/3; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/3; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2154.996, test=-2447.106)
total time= 10.7s
[CV 3/3; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/3; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1952.912, test=-2757.994)
total time= 13.4s
[CV 2/3; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/3; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2086.811, test=-2624.885)
total time= 10.7s
[CV 1/3; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/3; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1696.250, test=-2542.910)
total time= 26.6s
[CV 3/3; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/3; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1071.644, test=-2819.889)
total time= 21.4s
[CV 2/3; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/3; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1352.282, test=-2738.718)
total time= 17.1s

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[CV 1/3; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500
 [CV 1/3; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500;; score=(train=-557.195, test=-2553.355)
 total time= 42.6s
 [CV 1/3; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=10
 [CV 1/3; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=10;; score=(train=-2628.712, test=-2453.903)
 total time= 0.8s
 [CV 3/3; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=10
 [CV 3/3; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=10;; score=(train=-2445.418, test=-2764.324)
 total time= 0.8s
 [CV 3/3; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=20
 [CV 3/3; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=20;; score=(train=-2318.932, test=-2722.793)
 total time= 1.7s
 [CV 3/3; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=50
 [CV 3/3; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=50;; score=(train=-2104.348, test=-2721.975)
 total time= 4.2s
 [CV 1/3; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200
 [CV 1/3; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200;; score=(train=-1568.266, test=-2494.195)
 total time= 17.3s
 [CV 3/3; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=250
 [CV 3/3; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=250;; score=(train=-1271.207, test=-2805.705)
 total time= 21.3s
 [CV 2/3; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200
 [CV 2/3; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200;; score=(train=-1469.445, test=-2707.796)
 total time= 17.0s
 [CV 1/3; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=500
 [CV 1/3; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=500;; score=(train=-735.967, test=-2608.005)
 total time= 42.4s
 [CV 3/3; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=500
 [CV 3/3; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500;; score=(train=-684.697, test=-2930.444)
total time= 42.1s
[CV 2/3; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/3; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2159.573, test=-2607.341)
total time= 4.1s
[CV 2/3; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/3; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1894.380, test=-2646.313)
total time= 8.4s
[CV 2/3; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/3; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1345.432, test=-2739.114)
total time= 21.2s
[CV 1/3; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/3; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2506.270, test=-2405.210)
total time= 1.7s
[CV 1/3; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/3; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2265.671, test=-2407.199)
total time= 4.1s
[CV 2/3; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/3; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1911.531, test=-2648.955)
total time= 8.3s
[CV 1/3; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/3; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1498.094, test=-2557.649)
total time= 21.2s
[CV 1/3; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/3; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2631.415, test=-2451.705)
total time= 0.8s
[CV 2/3; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/3; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2507.025, test=-2647.525)
total time= 0.8s
[CV 2/3; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20
[CV 2/3; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2375.815, test=-2606.581)
total time= 1.6s
[CV 3/3; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/3; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1842.767, test=-2753.328)
total time= 8.5s
[CV 2/3; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/3; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1227.660, test=-2738.524)
total time= 21.4s
[CV 2/3; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/3; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2502.626, test=-2643.685)
total time= 0.8s
[CV 2/3; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/3; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2378.887, test=-2600.433)
total time= 1.6s
[CV 2/3; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/3; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2172.142, test=-2584.420)
total time= 4.2s
[CV 3/3; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/3; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1853.464, test=-2744.525)
total time= 8.7s
[CV 2/3; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/3; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1315.835, test=-2727.544)
total time= 21.3s
[CV 2/3; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/3; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2369.704, test=-2609.689)
total time= 1.7s
[CV 2/3; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/3; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2158.599, test=-2601.439)

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total time= 4.2s
[CV 3/3; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/3; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1817.994, test=-2766.837)
total time= 8.4s
[CV 1/3; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/3; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1318.565, test=-2545.457)
total time= 21.1s
[CV 1/3; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/3; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2621.668, test=-2452.953)
total time= 0.8s
[CV 3/3; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/3; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2454.671, test=-2759.913)
total time= 0.8s
[CV 2/3; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/3; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2369.704, test=-2609.503)
total time= 1.6s
[CV 2/3; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/3; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2158.599, test=-2603.628)
total time= 4.1s
[CV 3/3; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/3; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1799.771, test=-2779.433)
total time= 8.4s
[CV 2/3; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/3; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1327.210, test=-2746.335)
total time= 21.3s
[CV 3/3; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/3; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2454.671, test=-2759.913)
total time= 0.8s
[CV 3/3; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

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[CV 3/3; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2322.709, test=-2715.819)
total time= 1.6s
[CV 3/3; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/3; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2111.018, test=-2725.042)
total time= 4.1s
[CV 1/3; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/3; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1478.875, test=-2524.001)
total time= 16.8s
[CV 3/3; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/3; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1195.976, test=-2875.789)
total time= 21.0s
[CV 2/3; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/3; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1493.293, test=-2717.929)
total time= 17.1s
[CV 1/3; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/3; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-786.819, test=-2617.038)
total time= 42.9s
[CV 3/3; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/3; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-822.420, test=-2889.417)
total time= 44.6s
[CV 1/3; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/3; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2035.054, test=-2455.701)
total time= 8.3s
[CV 3/3; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/3; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1491.230, test=-2800.472)
total time= 16.7s
[CV 2/3; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/3; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-879.168, test=-2892.954)
total time= 41.9s

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[CV 1/3; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/3; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/3; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2629.295, test=-2452.552)
total time= 0.8s
[CV 2/3; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/3; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2504.888, test=-2642.668)
total time= 0.8s
[CV 3/3; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/3; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2455.133, test=-2760.166)
total time= 0.8s
[CV 3/3; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/3; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2322.842, test=-2721.875)
total time= 1.6s
[CV 1/3; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/3; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1973.862, test=-2454.927)
total time= 8.5s
[CV 3/3; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/3; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1464.955, test=-2833.941)
total time= 16.9s
[CV 2/3; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/3; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-814.067, test=-2842.832)
total time= 44.4s
[CV 3/3; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/3; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2465.415, test=-2762.548)
total time= 1.0s
[CV 3/3; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/3; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2342.242, test=-2725.643)
total time= 2.0s
[CV 1/3; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100
[CV 1/3; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2055.513, test=-2445.691)
total time= 9.2s
[CV 3/3; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/3; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1491.230, test=-2799.203)
total time= 18.3s
[CV 2/3; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/3; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-879.168, test=-2887.986)
total time= 42.3s
[CV 2/3; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/3; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2375.815, test=-2607.433)
total time= 1.6s
[CV 2/3; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/3; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2182.964, test=-2606.493)
total time= 4.1s
[CV 2/3; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/3; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1911.531, test=-2650.993)
total time= 8.3s
[CV 2/3; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/3; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1382.846, test=-2767.215)
total time= 21.1s
[CV 2/3; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/3; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2510.474, test=-2643.563)
total time= 0.8s
[CV 2/3; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/3; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2377.765, test=-2612.000)
total time= 1.6s
[CV 2/3; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/3; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2197.984, test=-2604.337)

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total time= 4.1s
[CV 3/3; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/3; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1891.909, test=-2757.924)
total time= 8.3s
[CV 2/3; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/3; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1435.961, test=-2753.781)
total time= 24.4s
[CV 1/3; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/3; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2504.361, test=-2407.713)
total time= 1.6s
[CV 2/3; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/3; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2197.984, test=-2604.939)
total time= 4.0s
[CV 2/3; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/3; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1968.461, test=-2650.431)
total time= 8.4s
[CV 2/3; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/3; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1435.961, test=-2753.535)
total time= 21.0s
[CV 2/3; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/3; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2377.765, test=-2611.174)
total time= 1.6s
[CV 2/3; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/3; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2197.984, test=-2604.910)
total time= 4.2s
[CV 3/3; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/3; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1891.909, test=-2756.473)
total time= 8.2s
[CV 1/3; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 1/3; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1186.009, test=-2498.656)
total time= 21.4s
[CV 3/3; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/3; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-543.550, test=-2872.524)
total time= 42.7s
[CV 1/3; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/3; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2023.159, test=-2427.333)
total time= 8.8s
[CV 3/3; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/3; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1435.515, test=-2801.857)
total time= 17.1s
[CV 2/3; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/3; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-767.885, test=-2828.317)
total time= 42.9s
[CV 1/3; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/3; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2245.520, test=-2411.431)
total time= 4.2s
[CV 2/3; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/3; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1883.658, test=-2641.057)
total time= 8.5s
[CV 1/3; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/3; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1295.220, test=-2530.117)
total time= 21.3s
[CV 1/3; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/3; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2621.668, test=-2453.305)
total time= 0.9s
[CV 1/3; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/3; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2485.891, test=-2407.981)
total time= 1.7s

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[CV 1/3; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=50
 [CV 1/3; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=50;; score=(train=-2245.520, test=-2408.787)
 total time= 4.2s
 [CV 2/3; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100
 [CV 2/3; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100;; score=(train=-1889.456, test=-2639.028)
 total time= 8.5s
 [CV 2/3; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=250
 [CV 2/3; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=250;; score=(train=-1293.155, test=-2752.111)
 total time= 21.4s
 [CV 2/3; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=20
 [CV 2/3; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=20;; score=(train=-2369.755, test=-2610.246)
 total time= 1.6s
 [CV 3/3; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=50
 [CV 3/3; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=50;; score=(train=-2120.117, test=-2726.421)
 total time= 4.3s
 [CV 1/3; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=200
 [CV 1/3; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=200;; score=(train=-1537.703, test=-2505.316)
 total time= 17.1s
 [CV 3/3; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250
 [CV 3/3; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250;; score=(train=-1295.526, test=-2859.558)
 total time= 21.1s
 [CV 2/3; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=200
 [CV 2/3; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=200;; score=(train=-1540.768, test=-2730.205)
 total time= 17.5s
 [CV 1/3; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500
 [CV 1/3; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500;; score=(train=-982.361, test=-2596.440)
 total time= 44.3s
 [CV 3/3; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=500
 [CV 3/3; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500;; score=(train=-822.420, test=-2892.406)
total time= 42.0s
[CV 1/3; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/3; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2064.487, test=-2457.702)
total time= 8.4s
[CV 3/3; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/3; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1491.230, test=-2799.935)
total time= 16.6s
[CV 2/3; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/3; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-879.168, test=-2891.034)
total time= 45.1s
[CV 1/3; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/3; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2630.252, test=-2449.763)
total time= 0.8s
[CV 3/3; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/3; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2470.363, test=-2757.697)
total time= 0.8s
[CV 3/3; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/3; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2352.912, test=-2713.323)
total time= 1.7s
[CV 1/3; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/3; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2044.330, test=-2481.335)
total time= 8.4s
[CV 3/3; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/3; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1530.291, test=-2806.937)
total time= 16.7s
[CV 2/3; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/3; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-998.153, test=-2853.161)
total time= 41.9s
[CV 2/3; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 2/3; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1464.212, test=-2691.867)
total time= 17.1s
[CV 1/3; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/3; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-776.879, test=-2590.773)
total time= 43.0s
[CV 3/3; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/3; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-693.260, test=-2918.961)
total time= 42.5s
[CV 1/3; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/3; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1935.737, test=-2456.924)
total time= 8.3s
[CV 3/3; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/3; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1391.171, test=-2858.910)
total time= 16.9s
[CV 2/3; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/3; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-710.451, test=-2857.136)
total time= 42.6s
[CV 1/3; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/3; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2631.415, test=-2451.803)
total time= 0.8s
[CV 2/3; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/3; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2507.025, test=-2647.573)
total time= 0.8s
[CV 2/3; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/3; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2375.815, test=-2607.316)
total time= 1.6s
[CV 3/3; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/3; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2150.280, test=-2739.067)

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total time= 4.1s
[CV 1/3; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/3; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1661.093, test=-2501.273)
total time= 17.2s
[CV 3/3; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/3; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1320.377, test=-2809.229)
total time= 22.9s
[CV 2/3; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/3; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1540.768, test=-2734.555)
total time= 17.0s
[CV 1/3; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/3; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-982.361, test=-2592.902)
total time= 42.6s
[CV 3/3; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/3; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-822.420, test=-2888.565)
total time= 42.1s
[CV 1/3; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/3; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2046.057, test=-2479.503)
total time= 8.4s
[CV 3/3; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/3; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1537.347, test=-2804.147)
total time= 17.7s
[CV 2/3; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/3; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-998.153, test=-2851.126)
total time= 43.7s
[CV 1/3; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/3; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2630.252, test=-2448.690)
total time= 0.8s
[CV 2/3; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

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[CV 2/3; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2510.474, test=-2643.406)
total time= 0.8s
[CV 1/3; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/3; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2504.361, test=-2409.791)
total time= 1.6s
[CV 1/3; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/3; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2282.404, test=-2418.388)
total time= 4.1s
[CV 2/3; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/3; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1968.461, test=-2650.285)
total time= 8.4s
[CV 2/3; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/3; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1435.961, test=-2752.336)
total time= 20.9s
[CV 3/3; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/3; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2470.363, test=-2757.599)
total time= 0.8s
[CV 3/3; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/3; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2352.912, test=-2712.978)
total time= 1.7s
[CV 1/3; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/3; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2044.330, test=-2481.723)
total time= 8.5s
[CV 3/3; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/3; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1530.291, test=-2806.887)
total time= 16.5s
[CV 2/3; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

```

```
[ ]: print (random_reg.best_params_)
      #print (random_reg.best_score_)
      #print("r2 score (training): {0:.3f}".format(gbr_reg.score(x_train, y_train)))

[ ]: {'learning_rate': 0.1, 'max_depth': 3, 'min_samples_leaf': 10,
      ↳'min_samples_split': 5, 'n_estimators': 20

[ ]: train_X, val_X, train_y, val_y =
      ↳train_test_split(x_train,y_train,random_state=1,test_size=0.2)
```

LINEAR REGRESSION

```
[ ]: from sklearn.linear_model import LinearRegression
      from sklearn.metrics import mean_squared_error as mse
      from sklearn.metrics import r2_score
      from sklearn.ensemble import GradientBoostingRegressor
      from sklearn.model_selection import RandomizedSearchCV, GridSearchCV
      from tqdm import tqdm

      lr = LinearRegression(n_jobs=-1)
      modl = lr.fit(x_train, y_train)

      #print(f"r2 score (training): {gbr_reg0.score(x_train, y_train)}")

      train_pred = lr.predict(x_train)
      val_pred = lr.predict(val_X)
      print(f"rmse score (training): {np.sqrt(mse(y_train,train_pred,
      ↳squared=False))}")
      print(f"r2 score sklearn score (training): {r2_score(y_train,train_pred)}")

      print('-----')
      print(f"rmse score (cv): {np.sqrt(mse(val_y,val_pred, squared=False))}")
      print(f"r2 score sklearn score (cv): {r2_score(val_y,val_pred)}")

rmse score (training): 49.4067508548604
r2 score sklearn score (training): 0.21676556844832628
-----
rmse score (cv): 48.132029934847466
r2 score sklearn score (cv): 0.26479219652404706

[ ]: gbr_reg = GradientBoostingRegressor(learning_rate= 0.1, max_depth = 3,
      ↳min_samples_leaf = 10, min_samples_split = 15, n_estimators = 20, verbose=1)
      gbr_reg.fit(train_X, train_y)

      #print("r2 score (training): {0:.3f}".format(gbr_reg.score(x_train, y_train)))
      print(f"r2 score (training): {gbr_reg.score(train_X, train_y)}")
```



```

train_pred = gbr_reg.predict(train_X)
val_pred = gbr_reg.predict(val_X)
print(f"rmse score (training): {np.sqrt(mse(train_y,train_pred,
→squared=False))}")
print(f"r2 score sklearn score (training): {r2_score(train_y,train_pred)}")

print('-----')
print(f"rmse score (cv): {np.sqrt(mse(val_y,val_pred, squared=False))}")
print(f"r2 score sklearn score (cv): {r2_score(val_y,val_pred)}")

```

Iter	Train Loss	Remaining Time
1	7433658.9030	0.39s
2	7231497.7955	0.37s
3	7065938.0453	0.36s
4	6931787.8265	0.34s
5	6817707.6318	0.32s
6	6719408.6319	0.29s
7	6643276.4527	0.27s
8	6574598.6519	0.25s
9	6505815.1253	0.23s
10	6457048.2963	0.21s
20	6105639.9303	0.00s

r2 score (training): 0.20530021363847173
rmse score (training): 49.70874484198788
r2 score sklearn score (training): 0.20530021363847173

rmse score (cv): 49.09561218977427
r2 score sklearn score (cv): 0.2041263714117011

```

[ ]: import pickle
pickle.dump((gbr_reg),open('/home/samuelnik15/cs-2/trns2/trns_gbr_model2.
→pk1','wb'))

```

0.2.1 predict model 2

```

[ ]: gbr_reg.predict(x_test1)

```

```

[ ]: array([4311.51411475, 4418.79333549, 4459.89834392, 4185.5798898 ,
4623.88476178, 4296.60108196, 3976.34836518, 4530.82072605,
3327.78175799, 4563.58298334, 3890.73050266, 4448.43031201,
4827.20900525, 4337.6957393 , 4265.12045567, 4141.48795203,
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3641.70942353, 4521.59149761, 4530.82072605, 4246.04106773,
4067.6310374 , 4647.07122858, 3325.43479681, 4151.94192266,
4393.41658711, 4566.46604828, 4402.64581555, 4433.70636829,
4229.23362646, 3519.87751012, 4383.85371467, 4666.27183745,

```

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 4369.88355825, 3520.15435545, 4563.58298334, 4633.50958016,
 3269.5349282 , 3605.16635668, 4374.21597824, 4630.26941452])

0.3 transfer learning mobile-net

```
[ ]: x_train_data_cmn = pd.read_csv('train_model_3_transfer_learning.csv')
x_train_data_cmn.head(3)
```

```
[ ]: Unnamed: 0  index      Image_path Insurance_company  Cost_of_vehicle  \
0           0    953  img_453456.jpg                A      53400.0
1           1    618  img_4517650.jpg              AC      25900.0
2           2     81  img_7768013.jpg              RE      42000.0

      Min_coverage  Expiry_date  Max_coverage  year  month  ...      54  \
0          1335.0  2028-10-20      46495.68  2028    10  ...  125.31819
1           647.5  2026-05-24      6553.00  2026     5  ...  139.89026
2          1050.0  2024-05-25     10578.00  2024     5  ...  156.17169

      55      56      57      58      59      60  \
0  259.73450  147.01015  239.92080  199.43425  256.02014  242.71294
1  315.01852  161.70247  310.77042  256.43423  297.32513  311.41553
2  342.70820  183.68828  315.08572  274.64615  313.27094  319.92148

      61      62      63
0  218.70384  134.46793  211.51309
1  267.30746  167.98912  255.55128
2  269.02878  175.54483  262.19700
```

[3 rows x 92 columns]

```
[ ]: test_data_f = pd.read_csv('test_model_3_transfer_learning.csv')
test_data_f.head(3)
```

```
[ ]: Unnamed: 0      Image_path Insurance_company  Cost_of_vehicle  \
0           0  img_4538519.jpg                B      23600
1           1  img_7766002.jpg                C      28300
2           2  img_4637390.jpg              AC      43700

      Min_coverage  Expiry_date  Max_coverage  year  month  month_day  ...  \
0           590.0  2025-04-12      5978.0  2025     4          12  ...
1           707.5  2028-08-24      7153.0  2028     8          24  ...
2          1092.5  2023-11-28     11003.0  2023    11          28  ...

      54      55      56      57      58      59  \
0  118.37884  258.71826  152.84128  235.23310  200.60272  246.72964
1   90.09804  195.40118  106.91863  196.34503  148.48310  188.15779
2  135.44520  292.24005  166.19498  261.80377  229.85323  272.67227

      60      61      62      63
0  241.74200  209.91518  130.67017  198.85959
```

```
1 179.44026 162.25192 98.39859 149.58118
2 272.84103 235.08473 153.69327 224.10297
```

[3 rows x 89 columns]

```
[ ]: final_train, final_test_1 = ohe_transform(x_train_data_cmn, test_data_f,
→ 'Insurance_company')
```

```
[ ]: final_train.columns
final_train.drop(['index', 'index.1'], axis=1, inplace=True)
```

```
[ ]: x_train, x_test1, = min_max_scaler(final_train, final_test_1)
```

```
[ ]: y_train = x_train['Amount']
x_train.drop(['Amount'], axis=1, inplace=True)
x_train.head(3)
```

```
[ ]: Cost_of_vehicle  Min_coverage  Max_coverage      year      month  month_day \
0      1.847890      1.847890      5.093557  1.463913  0.914948  0.504673
1     -1.336807     -1.336807     -0.660440  0.519910 -0.486730  0.971938
2      0.527688      0.527688     -0.080614 -0.424093 -0.486730  1.088755
```

```
      yr_day  week_day  week_no  lux_seg  ...      AA      AC      B \
0  0.960015  0.531612  0.934888      1  ... -0.310475 -0.304908 -0.343955
1 -0.419247  1.538686 -0.417055      0  ... -0.310475  3.279680 -0.343955
2 -0.400857  1.035149 -0.417055      0  ... -0.310475 -0.304908 -0.343955
```

```
      BB      BC      BQ      C      DA      O      RE
0 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688
1 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688
2 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609  3.325710
```

[3 rows x 96 columns]

```
[ ]: x_test1.head(3)
```

```
[ ]: Cost_of_vehicle  Min_coverage  Max_coverage      year      month  month_day \
0     -1.603163     -1.603163     -0.743273  0.047909 -0.767066 -0.429857
1     -1.058870     -1.058870     -0.574007  1.463913  0.354277  0.971938
2      0.724560      0.724560     -0.019390 -0.896094  1.195284  1.439203
```

```
      yr_day  week_day  week_no  lux_seg  ...      AA      AC      B \
0 -0.805440  1.035149 -0.803324      0  ... -0.310475 -0.304908  2.907353
1  0.435895  0.028074  0.419862      0  ... -0.310475 -0.304908 -0.343955
2  1.309428 -0.979001  1.321157      0  ... -0.310475  3.279680 -0.343955
```

```
      BB      BC      BQ      C      DA      O      RE
```

```

0 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688
1 -0.311857 -0.3077 -0.321422  3.111172 -0.317345 -0.314609 -0.300688
2 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688

```

[3 rows x 96 columns]

```

[ ]: y_train = x_train_data_cm[n]['Amount']
      #x_train.drop(['Amount'], axis=1, inplace=True)

```

```

[ ]: %%time
      from sklearn.ensemble import GradientBoostingRegressor
      from sklearn.model_selection import RandomizedSearchCV, GridSearchCV
      from tqdm import tqdm

      gbr = GradientBoostingRegressor()

      params = {
          'learning_rate' : [0.05, 0.075, 0.1, 0.25, 0.5, 0.75, 1],
          'n_estimators' : [10, 20, 50, 100, 200, 250, 500],
          'min_samples_split' : [2,5,10,15],
          'min_samples_leaf' : [2,5,8,10],
          'max_depth'       : [3,5,8]
      }

      random_reg=GridSearchCV(gbr, param_grid=params, verbose=10, cv = 5, scoring =_
          →'neg_root_mean_squared_error', return_train_score = True, n_jobs=-1)
      model_rg = random_reg.fit(x_train, y_train)

```

```

Fitting 5 folds for each of 2352 candidates, totalling 11760 fits
[CV 2/5; 1/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2638.935, test=-2379.107)
total time= 0.5s
[CV 4/5; 2/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2504.389, test=-2574.722)
total time= 0.8s
[CV 4/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2418.519, test=-2547.833)
total time= 2.5s
[CV 2/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

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[CV 2/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2151.355, test=-2454.549)
total time= 9.9s
[CV 1/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1615.631, test=-2488.572)
total time= 24.3s
[CV 2/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2149.801, test=-2447.114)
total time= 9.8s
[CV 5/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1957.807, test=-2745.741)
total time= 12.3s
[CV 4/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2504.884, test=-2573.608)
total time= 1.0s
[CV 2/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2458.667, test=-2330.688)
total time= 2.4s
[CV 4/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2419.927, test=-2544.194)
total time= 2.5s
[CV 2/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2346.340, test=-2362.451)
total time= 4.9s
[CV 1/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2114.562, test=-2425.189)
total time= 9.8s
[CV 4/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2059.414, test=-2601.366)
total time= 12.3s

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[CV 2/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2638.935, test=-2380.768)
total time= 0.5s
[CV 4/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2541.210, test=-2422.522)
total time= 1.0s
[CV 3/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2464.398, test=-2753.078)
total time= 1.0s
[CV 1/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2441.200, test=-2405.824)
total time= 2.5s
[CV 4/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2421.462, test=-2542.031)
total time= 2.5s
[CV 2/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2348.948, test=-2366.401)
total time= 4.9s
[CV 1/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2123.993, test=-2412.503)
total time= 9.8s
[CV 4/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-2064.773, test=-2591.913)
total time= 12.3s
[CV 5/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-2546.147, test=-2768.368)
total time= 0.5s
[CV 2/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2563.328, test=-2326.978)
total time= 1.0s
[CV 4/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2503.750, test=-2573.475)
total time= 1.0s
[CV 2/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2466.040, test=-2331.730)
total time= 2.5s
[CV 5/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2373.094, test=-2683.945)
total time= 2.5s
[CV 3/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2265.293, test=-2761.898)
total time= 5.0s
[CV 1/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 1/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2439.357, test=-2407.483)
total time= 2.5s
[CV 4/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2321.112, test=-2560.543)
total time= 5.0s
[CV 3/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1982.578, test=-2830.257)

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total time= 12.4s
[CV 1/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2613.780, test=-2478.676)
total time= 0.5s
[CV 2/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2638.935, test=-2384.518)
total time= 0.5s
[CV 3/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 5/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2537.980, test=-2781.079)
total time= 0.5s
[CV 1/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2540.713, test=-2421.907)
total time= 1.0s
[CV 2/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2563.912, test=-2328.421)
total time= 1.0s
[CV 4/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2504.389, test=-2574.722)
total time= 0.9s
[CV 1/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2439.357, test=-2407.319)
total time= 2.5s
[CV 4/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

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[CV 4/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2418.546, test=-2547.832)
total time= 2.5s
[CV 2/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2339.972, test=-2376.948)
total time= 4.9s
[CV 1/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2085.469, test=-2430.601)
total time= 9.9s
[CV 4/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-2037.284, test=-2598.798)
total time= 12.4s
[CV 4/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2541.210, test=-2422.510)
total time= 1.0s
[CV 3/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2464.398, test=-2753.078)
total time= 1.0s
[CV 1/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2440.699, test=-2406.548)
total time= 2.4s
[CV 5/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2360.730, test=-2708.423)
total time= 2.4s
[CV 3/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2268.462, test=-2762.046)
total time= 4.8s

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[CV 5/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2254.862, test=-2735.814)
total time= 4.9s
[CV 1/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2022.372, test=-2438.700)
total time= 12.2s
[CV 4/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1740.307, test=-2646.924)
total time= 24.7s
[CV 2/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-2113.998, test=-2447.871)
total time= 12.4s
[CV 5/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1672.343, test=-2811.730)
total time= 24.6s
[CV 3/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-2001.933, test=-2815.940)
total time= 12.2s[CV 4/5; 1/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 4/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 2/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2454.773, test=-2335.755)
total time= 2.4s
[CV 5/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2247.780, test=-2724.619)
total time= 4.9s
[CV 2/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-2059.107, test=-2483.213)

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total time= 12.3s
[CV 5/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1613.027, test=-2796.656)
total time= 24.5s
[CV 3/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1995.501, test=-2843.414)
total time= 12.3s
[CV 1/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2613.780, test=-2478.597)
total time= 0.5s
[CV 2/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2638.935, test=-2380.838)
total time= 0.5s
[CV 3/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2538.352, test=-2781.053)
total time= 0.5s
[CV 2/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2563.912, test=-2329.554)
total time= 1.0s
[CV 5/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2466.592, test=-2730.747)
total time= 1.0s
[CV 3/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2380.173, test=-2737.541)
total time= 2.4s
[CV 1/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

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[CV 1/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2323.471, test=-2411.128)
total time= 4.9s
[CV 4/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2329.718, test=-2551.063)
total time= 4.9s
[CV 3/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2096.783, test=-2810.779)
total time= 9.8s
[CV 1/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1695.134, test=-2486.645)
total time= 24.6s
[CV 2/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2187.162, test=-2428.703)
total time= 9.9s
[CV 5/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1979.991, test=-2766.392)
total time= 12.3s
[CV 5/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2472.943, test=-2712.767)
total time= 1.0s
[CV 3/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2376.165, test=-2740.643)
total time= 2.5s
[CV 1/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2332.647, test=-2411.230)
total time= 4.9s
[CV 4/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2302.677, test=-2557.800)
total time= 4.9s

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[CV 2/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2148.615, test=-2430.622)
total time= 9.8s
[CV 5/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1975.874, test=-2724.761)
total time= 12.3s
[CV 2/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2466.040, test=-2329.808)
total time= 2.5s
[CV 5/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2373.094, test=-2685.052)
total time= 2.5s
[CV 3/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2265.293, test=-2762.618)
total time= 4.9s
[CV 1/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200[CV 1/5; 1/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 1/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2613.780, test=-2478.640)
total time= 0.5s
[CV 5/5; 2/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2467.323, test=-2729.007)
total time= 1.0s
[CV 3/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2257.269, test=-2765.392)
total time= 4.9s
[CV 1/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1980.913, test=-2448.984)
total time= 12.2s
[CV 4/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

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[CV 4/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1711.430, test=-2655.319)
total time= 24.5s
[CV 2/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-2061.419, test=-2473.514)
total time= 12.3s
[CV 5/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1617.457, test=-2774.858)
total time= 24.4s
[CV 3/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2013.597, test=-2822.338)
total time= 12.4s
[CV 1/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2613.780, test=-2478.676)
total time= 0.5s
[CV 3/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2538.352, test=-2781.053)
total time= 0.5s
[CV 2/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2563.912, test=-2327.125)
total time= 1.0s
[CV 4/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2504.884, test=-2573.608)
total time= 1.0s
[CV 2/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2458.492, test=-2331.623)
total time= 2.4s

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[CV 5/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2364.971, test=-2703.628)
total time= 2.5s
[CV 3/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2269.984, test=-2760.013)
total time= 4.9s
[CV 5/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2254.633, test=-2732.148)
total time= 4.9s
[CV 1/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-2040.371, test=-2428.464)
total time= 12.1s
[CV 4/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1758.907, test=-2664.956)
total time= 24.4s
[CV 2/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-2061.900, test=-2452.213)
total time= 12.1s
[CV 5/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1652.551, test=-2771.587)
total time= 24.3s
[CV 3/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-2001.933, test=-2815.790)
total time= 12.2s
[CV 1/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2617.419, test=-2477.496)
total time= 0.5s
[CV 2/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10;; score=(train=-2638.935, test=-2379.107)
total time= 0.5s
[CV 3/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2543.864, test=-2423.045)
total time= 1.0s
[CV 3/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2463.513, test=-2754.253)
total time= 1.0s
[CV 5/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20[CV 5/5; 1/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 5/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2537.980, test=-2781.079)
total time= 0.6s
[CV 3/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2375.480, test=-2738.454)
total time= 2.4s
[CV 1/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2080.294, test=-2437.930)
total time= 9.7s
[CV 4/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-2042.180, test=-2610.753)
total time= 12.3s
[CV 3/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2464.398, test=-2753.078)
total time= 1.0s

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[CV 2/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2456.629, test=-2332.780)
total time= 2.4s
[CV 5/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2362.104, test=-2699.542)
total time= 2.4s
[CV 3/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2257.219, test=-2766.339)
total time= 4.9s
[CV 5/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2249.837, test=-2725.814)
total time= 4.9s
[CV 1/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1996.622, test=-2429.086)
total time= 12.1s
[CV 4/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1687.620, test=-2630.217)
total time= 24.4s
[CV 2/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2094.618, test=-2457.127)
total time= 12.3s
[CV 5/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1634.190, test=-2816.815)
total time= 24.4s
[CV 3/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-2032.359, test=-2811.405)
total time= 12.2s
[CV 1/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-2617.419, test=-2477.490)
total time= 0.5s
[CV 2/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2638.935, test=-2379.107)
total time= 0.5s
[CV 3/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2543.864, test=-2423.097)
total time= 1.0s
[CV 3/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2463.513, test=-2754.253)
total time= 1.0s
[CV 1/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2448.360, test=-2409.922)
total time= 2.5s
[CV 4/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2417.760, test=-2542.775)
total time= 2.5s
[CV 2/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2341.467, test=-2361.883)
total time= 4.9s
[CV 5/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2259.603, test=-2694.230)
total time= 4.9s
[CV 1/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 1/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-2035.751, test=-2436.897)
total time= 12.1s
[CV 4/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1696.376, test=-2675.335)
total time= 24.2s
[CV 2/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-2061.900, test=-2451.044)
total time= 12.2s
[CV 5/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1652.551, test=-2770.321)
total time= 24.3s
[CV 3/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-2001.933, test=-2816.838)
total time= 12.1s[CV 1/5; 33/2352] END learning_rate=0.05, max_depth=3,
min_samples_leaf=5, min_samples_split=2, n_estimators=200;;
score=(train=-2128.630, test=-2434.612) total time= 9.8s
[CV 4/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-2013.979, test=-2609.663)
total time= 12.2s
[CV 3/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2546.147, test=-2768.368)
total time= 0.5s
[CV 2/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2563.328, test=-2329.470)
total time= 1.0s
[CV 4/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

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[CV 4/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2503.750, test=-2573.475)
total time= 1.0s
[CV 1/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2448.360, test=-2410.182)
total time= 2.5s
[CV 4/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2417.760, test=-2542.524)
total time= 2.4s
[CV 2/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2341.467, test=-2362.115)
total time= 4.9s
[CV 5/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2259.603, test=-2694.556)
total time= 5.0s
[CV 1/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-2035.751, test=-2436.319)
total time= 12.2s
[CV 4/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1696.376, test=-2674.552)
total time= 24.4s
[CV 2/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-2061.900, test=-2448.901)
total time= 12.2s
[CV 5/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1652.551, test=-2767.215)
total time= 24.3s
[CV 3/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1996.108, test=-2807.570)
total time= 12.2s

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[CV 1/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2618.954, test=-2477.591)
total time= 0.5s
[CV 2/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2639.772, test=-2384.952)
total time= 0.5s
[CV 3/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2548.331, test=-2766.108)
total time= 0.5s
[CV 2/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2564.954, test=-2336.536)
total time= 1.0s
[CV 4/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2504.658, test=-2573.183)
total time= 1.0s
[CV 2/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2465.300, test=-2332.118)
total time= 2.4s
[CV 5/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2381.919, test=-2684.802)
total time= 2.4s
[CV 3/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2262.828, test=-2761.004)
total time= 4.8s
[CV 1/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200;; score=(train=-2166.707, test=-2412.827)
total time= 9.7s
[CV 4/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2060.686, test=-2597.706)
total time= 12.2s
[CV 1/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2618.954, test=-2477.636)
total time= 0.5s
[CV 3/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2548.331, test=-2766.108)
total time= 0.5s[CV 3/5; 2/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2464.398, test=-2753.078)
total time= 1.0s
[CV 1/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2308.484, test=-2414.862)
total time= 4.9s
[CV 4/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2133.768, test=-2590.992)
total time= 9.9s
[CV 2/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1710.543, test=-2600.151)
total time= 24.6s
[CV 4/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2131.210, test=-2591.942)
total time= 9.8s
[CV 2/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

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[CV 2/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1696.010, test=-2574.373)
total time= 24.4s
[CV 4/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2147.562, test=-2573.310)
total time= 9.9s
[CV 2/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1765.859, test=-2536.648)
total time= 24.8s
[CV 4/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2148.891, test=-2581.915)
total time= 9.8s
[CV 1/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1729.988, test=-2431.677)
total time= 24.6s
[CV 3/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2079.700, test=-2794.629)
total time= 9.8s
[CV 1/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1724.223, test=-2457.047)
total time= 24.4s
[CV 2/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2148.615, test=-2429.158)
total time= 9.8s
[CV 5/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1975.874, test=-2724.980)
total time= 12.3s
[CV 1/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2448.360, test=-2410.028)
total time= 2.4s

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[CV 4/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2417.760, test=-2542.775)
total time= 2.4s
[CV 2/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2341.467, test=-2363.116)
total time= 5.0s
[CV 5/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2259.603, test=-2693.493)
total time= 5.1s
[CV 1/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-2035.751, test=-2435.540)
total time= 12.3s
[CV 4/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1696.376, test=-2676.093)
total time= 24.7s
[CV 2/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2088.374, test=-2442.618)
total time= 12.4s
[CV 5/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1687.233, test=-2766.136)
total time= 24.6s
[CV 3/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2001.165, test=-2807.968)
total time= 12.3s
[CV 2/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2639.772, test=-2384.952)
total time= 0.5s
[CV 4/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10;; score=(train=-2579.727, test=-2625.766)
total time= 0.5s
[CV 1/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2547.895, test=-2420.502)
total time= 1.0s
[CV 4/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2504.658, test=-2573.183)
total time= 1.0s
[CV 2/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2465.300, test=-2331.844)
total time= 2.5s
[CV 5/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50[CV 2/5; 2/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 2/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2563.912, test=-2325.075)
total time= 1.0s
[CV 5/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2362.104, test=-2700.122)
total time= 2.5s
[CV 3/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2075.880, test=-2815.569)
total time= 9.8s
[CV 5/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1965.128, test=-2746.796)
total time= 12.3s
[CV 5/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2467.323, test=-2729.007)
total time= 1.0s
[CV 3/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2373.907, test=-2737.842)
total time= 2.4s

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[CV 1/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2308.740, test=-2420.632)
total time= 4.9s
[CV 4/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2316.462, test=-2571.019)
total time= 4.9s
[CV 3/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2081.805, test=-2814.680)
total time= 9.8s
[CV 1/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1647.163, test=-2493.712)
total time= 24.4s
[CV 2/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2168.873, test=-2435.309)
total time= 9.9s
[CV 5/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1967.480, test=-2760.824)
total time= 12.6s
[CV 5/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2467.772, test=-2731.718)
total time= 1.0s
[CV 3/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2381.212, test=-2730.859)
total time= 2.5s
[CV 1/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2335.238, test=-2413.792)
total time= 5.0s
[CV 4/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100;; score=(train=-2325.225, test=-2554.091)
total time= 5.0s
[CV 3/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2109.105, test=-2798.626)
total time= 9.9s
[CV 2/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1797.309, test=-2525.634)
total time= 24.9s
[CV 4/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2095.102, test=-2595.361)
total time= 9.9s
[CV 2/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1715.549, test=-2531.273)
total time= 24.6s
[CV 3/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2079.700, test=-2793.996)
total time= 9.9s
[CV 2/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1715.549, test=-2530.421)
total time= 24.7s
[CV 3/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2079.700, test=-2794.488)
total time= 9.9s
[CV 1/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1724.223, test=-2455.729)
total time= 24.6s
[CV 4/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2112.145, test=-2587.055)
total time= 9.8s
[CV 2/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500
[CV 2/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1755.803, test=-2531.979)
total time= 24.4s
[CV 3/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2092.828, test=-2795.726)
total time= 9.8s
[CV 1/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1762.546, test=-2456.988)
total time= 24.5s
[CV 2/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2617.419, test=-2477.496)
total time= 0.5s
[CV 2/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2638.935, test=-2380.768)
total time= 0.5s
[CV 4/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2543.864, test=-2423.094)
total time= 1.0s
[CV 3/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2463.513, test=-2754.253)
total time= 1.0s
[CV 5/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2472.943, test=-2712.767)
total time= 1.0s
[CV 3/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

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[CV 3/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2376.165, test=-2740.643)
total time= 2.5s
[CV 1/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2332.647, test=-2410.911)
total time= 4.9s
[CV 4/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2302.677, test=-2558.453)
total time= 4.9s
[CV 4/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2095.102, test=-2595.166)
total time= 9.6s
[CV 1/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1724.223, test=-2455.717)
total time= 24.5s
[CV 2/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2148.615, test=-2426.652)
total time= 9.9s
[CV 5/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1975.874, test=-2725.505)
total time= 12.4s
[CV 2/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2466.013, test=-2329.677)
total time= 2.5s
[CV 5/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2377.853, test=-2682.268)
total time= 2.5s
[CV 3/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2269.295, test=-2767.107)
total time= 4.9s

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[CV 1/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2145.730, test=-2433.667)
total time= 9.8s
[CV 4/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2025.816, test=-2602.258)
total time= 12.2s
[CV 4/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2579.727, test=-2625.766)
total time= 0.5s
[CV 1/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2547.895, test=-2420.233)
total time= 1.0s
[CV 3/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2467.518, test=-2751.892)
total time= 1.0s
[CV 1/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2459.500, test=-2407.482)
total time= 2.4s
[CV 4/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2421.544, test=-2544.289)
total time= 2.4s
[CV 2/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2352.293, test=-2356.771)
total time= 4.9s
[CV 5/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2277.084, test=-2694.578)
total time= 4.9s
[CV 1/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250;; score=(train=-2080.979, test=-2415.044)
total time= 12.2s
[CV 4/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1772.207, test=-2641.062)
total time= 24.5s
[CV 2/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2088.409, test=-2427.764)
total time= 12.4s
[CV 5/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2128.630, test=-2435.273)
total time= 9.8s
[CV 4/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-2013.979, test=-2609.514)
total time= 12.2s
[CV 5/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2546.147, test=-2768.368)
total time= 0.5s
[CV 2/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2563.328, test=-2326.425)
total time= 1.0s
[CV 4/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2503.750, test=-2573.475)
total time= 1.0s
[CV 2/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2466.040, test=-2331.093)
total time= 2.5s
[CV 5/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2373.094, test=-2684.984)
total time= 2.5s
[CV 3/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 3/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2265.293, test=-2762.545)
total time= 4.8s
[CV 1/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2128.630, test=-2436.336)
total time= 9.7s
[CV 4/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-2013.979, test=-2609.133)
total time= 12.1s
[CV 5/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2546.147, test=-2768.368)
total time= 0.5s
[CV 2/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2563.328, test=-2332.011)
total time= 1.0s
[CV 4/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2503.750, test=-2573.475)
total time= 1.0s
[CV 1/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2448.360, test=-2409.982)
total time= 2.5s
[CV 4/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2418.395, test=-2544.989)
total time= 2.4s
[CV 2/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2348.021, test=-2358.614)
total time= 4.9s
[CV 5/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2271.230, test=-2683.242)

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total time= 4.9s
[CV 1/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2066.382, test=-2437.419)
total time= 12.1s
[CV 4/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1706.490, test=-2652.330)
total time= 24.2s
[CV 2/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2088.409, test=-2429.102)
total time= 12.1s
[CV 5/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1702.240, test=-2766.663)
total time= 24.2s
[CV 3/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2015.432, test=-2818.515)
total time= 12.2s
[CV 1/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2618.954, test=-2477.523)
total time= 0.5s
[CV 2/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2639.772, test=-2384.952)
total time= 0.5s
[CV 3/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2579.727, test=-2625.766)
total time= 0.5s
[CV 5/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

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[CV 5/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2548.331, test=-2766.108)
total time= 0.5s
[CV 2/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2564.954, test=-2336.536)
total time= 1.0s
[CV 4/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2504.658, test=-2573.183)
total time= 1.0s
[CV 1/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2617.419, test=-2477.546)
total time= 0.5s
[CV 2/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2638.935, test=-2384.518)
total time= 0.5s
[CV 3/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2543.864, test=-2423.171)
total time= 1.0s
[CV 3/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2463.513, test=-2754.253)
total time= 1.0s
[CV 5/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2474.380, test=-2712.275)
total time= 1.0s

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[CV 3/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2377.153, test=-2741.231)
total time= 2.4s
[CV 1/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2335.403, test=-2408.802)
total time= 4.9s
[CV 4/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2302.707, test=-2550.410)
total time= 4.9s
[CV 3/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2084.636, test=-2790.912)
total time= 9.8s
[CV 1/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1753.892, test=-2447.331)
total time= 24.2s
[CV 2/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2168.887, test=-2405.671)
total time= 9.7s
[CV 5/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1994.078, test=-2713.985)
total time= 12.2s
[CV 3/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2467.518, test=-2751.892)
total time= 1.0s
[CV 1/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2459.500, test=-2407.641)
total time= 2.4s
[CV 4/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50;; score=(train=-2421.544, test=-2544.289)
total time= 2.5s
[CV 2/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2352.293, test=-2354.836)
total time= 4.9s
[CV 5/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2279.351, test=-2697.187)
total time= 4.9s
[CV 1/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2080.979, test=-2414.405)
total time= 12.2s
[CV 4/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1772.207, test=-2638.216)
total time= 24.5s
[CV 2/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2088.409, test=-2429.001)
total time= 12.3s
[CV 5/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1696.115, test=-2754.005)
total time= 24.4s
[CV 3/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2015.432, test=-2817.352)
total time= 12.2s
[CV 1/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2620.362, test=-2478.942)
total time= 0.5s
[CV 2/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2640.652, test=-2384.636)
total time= 0.5s
[CV 4/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10
[CV 4/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2580.683, test=-2626.561)
total time= 0.5s
[CV 1/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2549.141, test=-2422.443)
total time= 1.0s
[CV 4/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2472.943, test=-2712.767)
total time= 1.0s
[CV 3/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2376.165, test=-2740.643)
total time= 2.4s
[CV 1/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2332.647, test=-2412.017)
total time= 5.0s
[CV 4/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2302.677, test=-2559.014)
total time= 4.9s
[CV 4/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2095.102, test=-2594.559)
total time= 9.7s
[CV 2/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1715.549, test=-2533.549)
total time= 24.3s
[CV 2/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2175.074, test=-2420.930)
total time= 9.8s
[CV 5/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1999.010, test=-2720.969)

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total time= 12.2s
[CV 5/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2477.035, test=-2708.447)
total time= 1.0s
[CV 3/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2382.128, test=-2733.241)
total time= 2.4s
[CV 1/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2353.559, test=-2413.896)
total time= 4.8s
[CV 4/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2315.776, test=-2549.635)
total time= 4.9s
[CV 4/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2130.909, test=-2587.145)
total time= 9.7s
[CV 2/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1779.946, test=-2526.493)
total time= 24.2s
[CV 3/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2092.828, test=-2796.361)
total time= 9.8s
[CV 1/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1762.546, test=-2455.813)
total time= 24.3s
[CV 2/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2168.887, test=-2405.827)
total time= 9.8s
[CV 5/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 5/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1994.078, test=-2714.454)
total time= 12.2s
[CV 4/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2504.658, test=-2573.183)
total time= 1.0s
[CV 2/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2465.300, test=-2333.273)
total time= 2.4s
[CV 5/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2381.919, test=-2685.110)
total time= 2.5s
[CV 3/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2262.554, test=-2758.105)
total time= 4.9s
[CV 1/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2166.707, test=-2413.025)
total time= 9.8s
[CV 4/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2060.686, test=-2597.946)
total time= 12.2s
[CV 3/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2548.741, test=-2763.676)
total time= 0.5s
[CV 2/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2565.571, test=-2329.825)
total time= 1.0s

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[CV 5/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20
 [CV 5/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20;; score=(train=-2474.089, test=-2705.014)
 total time= 1.0s
 [CV 3/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50
 [CV 3/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50;; score=(train=-2385.390, test=-2732.759)
 total time= 2.4s[CV 1/5; 2/2352] START learning_rate=0.05, max_depth=3,
 min_samples_leaf=2, min_samples_split=2, n_estimators=20
 [CV 1/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=20;; score=(train=-2540.713, test=-2422.357)
 total time= 1.1s
 [CV 2/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=100
 [CV 2/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=100;; score=(train=-2341.592, test=-2375.526)
 total time= 4.9s
 [CV 5/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=200
 [CV 5/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=200;; score=(train=-2047.414, test=-2753.143)
 total time= 9.9s
 [CV 3/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500
 [CV 3/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500;; score=(train=-1655.635, test=-2925.588)
 total time= 24.5s
 [CV 5/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=200
 [CV 5/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=200;; score=(train=-2049.759, test=-2752.671)
 total time= 9.8s
 [CV 3/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500
 [CV 3/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500;; score=(train=-1654.700, test=-2935.761)
 total time= 24.6s
 [CV 5/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=200
 [CV 5/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=200;; score=(train=-2053.525, test=-2756.520)
 total time= 10.0s
 [CV 3/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=500
 [CV 3/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=500;; score=(train=-1689.307, test=-2905.200)

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total time= 25.0s
[CV 5/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2059.325, test=-2755.961)
total time= 9.9s
[CV 3/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1723.958, test=-2903.784)
total time= 24.9s
[CV 5/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2072.046, test=-2721.158)
total time= 9.9s
[CV 3/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1703.150, test=-2889.540)
total time= 24.7s
[CV 5/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2072.046, test=-2716.718)
total time= 9.9s
[CV 3/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1703.150, test=-2890.702)
total time= 24.6s
[CV 5/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2072.046, test=-2721.818)
total time= 9.9s
[CV 3/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1703.150, test=-2892.118)
total time= 24.7s
[CV 5/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2088.063, test=-2711.462)
total time= 10.0s
[CV 3/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 3/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1721.673, test=-2875.333)
total time= 24.7s
[CV 5/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2084.827, test=-2712.175)
total time= 9.9s
[CV 3/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1711.356, test=-2883.865)
total time= 24.7s
[CV 5/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2075.400, test=-2716.043)
total time= 9.9s
[CV 3/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1712.133, test=-2896.322)
total time= 24.6s
[CV 5/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2084.827, test=-2712.475)
total time= 9.8s
[CV 3/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1712.133, test=-2895.203)
total time= 24.5s
[CV 5/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2078.716, test=-2716.332)
total time= 9.8s
[CV 3/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1712.133, test=-2896.470)
total time= 24.5s
[CV 4/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2136.667, test=-2589.814)
total time= 9.7s

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[CV 2/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1792.798, test=-2557.465)
total time= 24.1s
[CV 3/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2381.919, test=-2684.801)
total time= 2.5s
[CV 3/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2262.828, test=-2761.064)
total time= 5.0s
[CV 1/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2166.707, test=-2412.619)
total time= 10.0s
[CV 4/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2060.686, test=-2597.501)
total time= 12.2s
[CV 1/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2547.895, test=-2420.250)
total time= 1.0s
[CV 5/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2477.035, test=-2708.604)
total time= 1.0s
[CV 3/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2382.386, test=-2734.184)
total time= 2.4s
[CV 1/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2353.559, test=-2413.405)
total time= 4.9s
[CV 4/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=100;; score=(train=-2315.776, test=-2551.007)
total time= 4.9s
[CV 3/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2080.728, test=-2788.354)
total time= 9.8s
[CV 1/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1762.546, test=-2456.342)
total time= 24.3s
[CV 2/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2168.887, test=-2406.846)
total time= 9.7s
[CV 5/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1994.078, test=-2715.340)
total time= 12.2s
[CV 3/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2467.746, test=-2751.290)
total time= 1.0s
[CV 1/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2460.511, test=-2404.547)
total time= 2.4s
[CV 4/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2420.004, test=-2543.400)
total time= 2.4s
[CV 2/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2356.887, test=-2370.901)
total time= 4.9s
[CV 5/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2282.339, test=-2689.314)
total time= 5.0s
[CV 1/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250
[CV 1/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2093.353, test=-2440.407)
total time= 12.3s
[CV 4/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1781.017, test=-2636.957)
total time= 24.5s
[CV 2/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2094.404, test=-2454.629)
total time= 12.2s
[CV 5/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1748.778, test=-2755.701)
total time= 24.5s
[CV 3/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2022.757, test=-2790.203)
total time= 12.3s
[CV 1/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2620.362, test=-2478.938)
total time= 0.5s
[CV 4/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2580.683, test=-2626.561)
total time= 0.5s
[CV 1/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2549.141, test=-2422.407)
total time= 1.0s
[CV 4/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2505.301, test=-2574.413)
total time= 1.0s
[CV 2/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2472.633, test=-2336.333)

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total time= 2.5s
[CV 5/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2381.391, test=-2678.100)
total time= 2.4s
[CV 5/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1703.839, test=-2759.100)
total time= 24.4s
[CV 3/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2015.432, test=-2818.126)
total time= 12.2s
[CV 1/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2618.954, test=-2477.591)
total time= 0.5s
[CV 2/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2639.772, test=-2382.881)
total time= 0.5s
[CV 4/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2579.727, test=-2625.766)
total time= 0.5s
[CV 1/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2547.895, test=-2420.294)
total time= 1.0s
[CV 3/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2467.518, test=-2751.892)
total time= 1.0s
[CV 1/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2459.500, test=-2408.243)
total time= 2.4s
[CV 4/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2421.544, test=-2544.289)

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total time= 2.3s
[CV 2/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2352.293, test=-2358.203)
total time= 4.8s
[CV 5/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2277.084, test=-2692.974)
total time= 4.9s
[CV 1/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2080.979, test=-2413.971)
total time= 12.0s
[CV 4/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1772.207, test=-2641.400)
total time= 24.4s
[CV 2/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2094.404, test=-2456.100)
total time= 12.2s
[CV 5/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1748.778, test=-2755.343)
total time= 24.3s
[CV 3/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2021.652, test=-2789.640)
total time= 12.1s
[CV 1/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2620.362, test=-2479.038)
total time= 0.5s
[CV 2/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2640.652, test=-2382.642)
total time= 0.5s
[CV 3/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

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[CV 3/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2580.683, test=-2626.561)
total time= 0.5s
[CV 1/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2549.141, test=-2422.607)
total time= 1.0s
[CV 3/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2467.746, test=-2751.290)
total time= 1.0s
[CV 1/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2460.511, test=-2404.302)
total time= 2.4s
[CV 4/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2420.004, test=-2543.400)
total time= 2.4s
[CV 2/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2356.887, test=-2369.988)
total time= 4.9s
[CV 5/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2282.339, test=-2688.623)
total time= 4.9s
[CV 1/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2093.353, test=-2440.139)
total time= 12.2s
[CV 4/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1781.017, test=-2638.212)
total time= 24.2s

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[CV 2/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2094.404, test=-2455.288)
total time= 12.2s
[CV 2/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2564.954, test=-2330.586)
total time= 1.0s
[CV 5/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2477.035, test=-2708.447)
total time= 1.0s
[CV 3/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2382.128, test=-2733.241)
total time= 2.4s
[CV 1/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2353.559, test=-2414.252)
total time= 4.9s
[CV 4/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2315.776, test=-2550.691)
total time= 4.9s
[CV 4/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2130.909, test=-2585.465)
total time= 9.8s
[CV 2/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1779.946, test=-2522.875)
total time= 24.1s
[CV 4/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2130.909, test=-2586.888)
total time= 9.8s
[CV 2/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500;; score=(train=-1779.946, test=-2526.520)
total time= 24.4s
[CV 3/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2092.828, test=-2796.062)
total time= 9.8s
[CV 1/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1762.546, test=-2455.767)
total time= 24.5s
[CV 2/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2156.595, test=-2432.064)
total time= 9.8s
[CV 5/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2038.345, test=-2718.384)
total time= 12.2s
[CV 3/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2467.746, test=-2751.290)
total time= 1.0s
[CV 1/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2460.511, test=-2404.369)
total time= 2.4s
[CV 4/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2420.004, test=-2543.653)
total time= 2.5s
[CV 2/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2356.887, test=-2367.117)
total time= 4.9s
[CV 5/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2282.339, test=-2689.773)
total time= 4.9s
[CV 1/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 1/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2093.353, test=-2439.697)
total time= 12.3s
[CV 4/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1783.036, test=-2630.620)
total time= 24.4s
[CV 2/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2094.404, test=-2452.128)
total time= 12.3s
[CV 5/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1748.778, test=-2755.323)
total time= 24.5s
[CV 3/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2021.652, test=-2789.886)
total time= 12.3s
[CV 1/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2557.013, test=-2478.326)
total time= 0.8s
[CV 3/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2485.177, test=-2798.328)
total time= 0.8s
[CV 5/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2488.837, test=-2802.191)
total time= 0.8s
[CV 3/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2370.884, test=-2754.377)
total time= 1.5s
[CV 1/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2206.818, test=-2410.820)

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total time= 3.8s
[CV 4/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2465.300, test=-2332.161)
total time= 2.4s
[CV 5/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2381.919, test=-2684.956)
total time= 2.5s
[CV 3/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2262.554, test=-2758.233)
total time= 4.9s
[CV 1/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2166.707, test=-2414.846)
total time= 9.8s
[CV 4/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2060.686, test=-2598.933)
total time= 12.2s
[CV 3/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2548.331, test=-2766.108)
total time= 0.5s
[CV 2/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2564.954, test=-2336.536)
total time= 1.0s
[CV 5/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2477.035, test=-2708.447)
total time= 1.0s

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[CV 3/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=50
 [CV 3/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=50;; score=(train=-2382.386, test=-2734.214)
 total time= 2.4s
 [CV 1/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100
 [CV 1/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100;; score=(train=-2353.559, test=-2414.681)
 total time= 4.9s
 [CV 4/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100
 [CV 4/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100;; score=(train=-2315.776, test=-2551.308)
 total time= 4.9s
 [CV 4/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200
 [CV 4/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200;; score=(train=-2130.909, test=-2586.630)
 total time= 9.8s
 [CV 2/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=500
 [CV 2/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=15, n_estimators=500;; score=(train=-1779.946, test=-2526.575)
 total time= 24.5s
 [CV 3/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=200
 [CV 3/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=200;; score=(train=-2097.934, test=-2776.600)
 total time= 9.8s
 [CV 1/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=500
 [CV 1/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=2, n_estimators=500;; score=(train=-1773.846, test=-2474.779)
 total time= 24.3s
 [CV 2/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=200
 [CV 2/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=200;; score=(train=-2156.595, test=-2430.768)
 total time= 9.8s
 [CV 1/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=500
 [CV 1/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=500;; score=(train=-1773.846, test=-2473.373)
 total time= 24.3s
 [CV 2/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=10, n_estimators=200
 [CV 2/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,


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min_samples_split=10, n_estimators=200;; score=(train=-2156.595, test=-2432.176)
total time= 9.8s
[CV 5/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2038.345, test=-2717.587)
total time= 12.3s
[CV 3/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2467.746, test=-2751.290)
total time= 1.0s
[CV 1/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2460.511, test=-2404.297)
total time= 2.5s
[CV 4/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2420.004, test=-2543.399)
total time= 2.4s
[CV 2/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2356.887, test=-2372.854)
total time= 4.9s
[CV 5/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2282.339, test=-2689.390)
total time= 4.9s
[CV 1/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2093.353, test=-2440.270)
total time= 12.2s
[CV 4/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1783.036, test=-2629.485)
total time= 24.4s
[CV 4/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1497.260, test=-2638.056)
total time= 15.8s
[CV 2/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500
[CV 2/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2168.887, test=-2401.342)
total time= 9.4s
[CV 5/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2004.234, test=-2721.963)
total time= 12.2s
[CV 3/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2467.518, test=-2751.892)
total time= 1.0s
[CV 1/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2459.500, test=-2408.545)
total time= 2.4s
[CV 4/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2421.544, test=-2544.289)
total time= 2.4s
[CV 2/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2352.293, test=-2354.180)
total time= 4.9s
[CV 5/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2277.084, test=-2693.129)
total time= 4.9s
[CV 1/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2080.979, test=-2415.571)
total time= 12.2s
[CV 4/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1772.207, test=-2641.205)
total time= 24.4s
[CV 2/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2088.409, test=-2428.259)

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total time= 12.2s
[CV 5/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1702.240, test=-2767.815)
total time= 24.2s
[CV 3/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2022.757, test=-2789.957)
total time= 12.2s
[CV 1/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2620.362, test=-2478.938)
total time= 0.5s
[CV 2/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2640.652, test=-2382.642)
total time= 0.5s
[CV 3/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2548.741, test=-2763.676)
total time= 0.5s
[CV 2/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2565.571, test=-2331.459)
total time= 1.0s
[CV 5/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2474.089, test=-2704.876)
total time= 1.0s
[CV 3/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2385.390, test=-2732.759)
total time= 2.4s
[CV 1/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

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[CV 1/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2349.083, test=-2418.612)
total time= 5.0s
[CV 4/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2322.759, test=-2547.424)
total time= 4.9s
[CV 5/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2109.708, test=-2715.074)
total time= 9.8s
[CV 3/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1736.519, test=-2841.293)
total time= 24.5s
[CV 4/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2133.531, test=-2584.404)
total time= 9.8s
[CV 2/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1792.798, test=-2549.237)
total time= 24.4s
[CV 3/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2097.934, test=-2776.106)
total time= 9.8s
[CV 1/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1773.846, test=-2472.955)
total time= 24.2s
[CV 4/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1967.216, test=-2584.461)
total time= 7.9s
[CV 2/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1396.918, test=-2559.957)
total time= 19.9s

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[CV 3/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2097.934, test=-2776.400)
total time= 9.6s
[CV 5/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2038.345, test=-2717.510)
total time= 12.1s
[CV 4/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2505.301, test=-2574.413)
total time= 1.0s
[CV 2/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2472.633, test=-2331.047)
total time= 2.4s
[CV 5/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2381.391, test=-2678.238)
total time= 2.4s
[CV 3/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2272.452, test=-2756.053)
total time= 4.8s
[CV 1/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2171.071, test=-2432.341)
total time= 9.6s
[CV 4/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2066.052, test=-2591.719)
total time= 12.1s
[CV 2/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2640.652, test=-2384.636)
total time= 0.5s
[CV 3/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s

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[CV 5/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2548.741, test=-2763.676)
total time= 0.5s
[CV 2/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2565.571, test=-2331.353)
total time= 1.0s
[CV 5/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2474.089, test=-2704.876)
total time= 1.0s
[CV 3/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2385.390, test=-2732.759)
total time= 2.4s
[CV 1/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2349.083, test=-2419.158)
total time= 4.8s
[CV 4/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2322.759, test=-2546.935)
total time= 4.8s
[CV 5/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2109.708, test=-2715.653)
total time= 9.7s
[CV 2/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1792.798, test=-2552.870)
total time= 24.4s
[CV 5/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1840.530, test=-2791.194)
total time= 7.8s
[CV 3/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250;; score=(train=-1248.205, test=-2889.815)
total time= 19.5s
[CV 1/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2557.271, test=-2478.500)
total time= 0.8s
[CV 2/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2577.585, test=-2385.206)
total time= 0.8s
[CV 3/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2485.376, test=-2798.402)
total time= 0.8s
[CV 4/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2533.967, test=-2605.936)
total time= 0.8s
[CV 5/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2488.837, test=-2801.621)
total time= 0.8s
[CV 1/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2433.896, test=-2425.054)
total time= 1.5s
[CV 2/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2452.511, test=-2349.960)
total time= 1.5s
[CV 3/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2371.079, test=-2754.118)
total time= 1.5s
[CV 5/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2386.895, test=-2755.989)
total time= 1.6s
[CV 4/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-2505.301, test=-2574.413)
total time= 1.0s
[CV 2/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2472.633, test=-2332.597)
total time= 2.4s
[CV 5/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2381.391, test=-2678.357)
total time= 2.5s
[CV 3/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2276.396, test=-2752.431)
total time= 4.9s
[CV 1/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2171.071, test=-2430.942)
total time= 9.9s
[CV 4/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2066.052, test=-2591.975)
total time= 12.3s
[CV 4/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2580.683, test=-2626.561)
total time= 0.5s
[CV 1/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2549.141, test=-2422.548)
total time= 1.0s
[CV 4/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2505.301, test=-2574.413)
total time= 1.0s
[CV 2/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2472.633, test=-2332.113)
total time= 2.5s
[CV 5/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50
[CV 5/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2381.391, test=-2678.246)
total time= 2.5s
[CV 3/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2276.396, test=-2752.379)
total time= 4.9s
[CV 1/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2171.071, test=-2431.811)
total time= 9.8s
[CV 4/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2067.774, test=-2601.798)
total time= 12.3s
[CV 5/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2548.741, test=-2763.676)
total time= 0.5s
[CV 2/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2565.571, test=-2332.209)
total time= 1.0s
[CV 5/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2474.089, test=-2704.876)
total time= 1.0s
[CV 3/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2385.390, test=-2732.387)
total time= 2.4s
[CV 1/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2349.083, test=-2417.946)
total time= 4.9s
[CV 4/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2322.760, test=-2545.246)

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total time= 5.0s
[CV 5/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2109.708, test=-2715.394)
total time= 9.9s
[CV 3/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1740.460, test=-2856.193)
total time= 24.6s
[CV 4/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2136.667, test=-2587.877)
total time= 9.8s
[CV 3/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1736.519, test=-2841.492)
total time= 24.5s
[CV 1/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1464.566, test=-2479.563)
total time= 15.8s
[CV 4/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1279.838, test=-2670.472)
total time= 19.7s
[CV 4/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2429.055, test=-2554.797)
total time= 1.6s
[CV 2/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2227.254, test=-2378.439)
total time= 3.9s
[CV 5/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2143.488, test=-2776.787)
total time= 3.9s
[CV 3/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

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[CV 3/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2272.452, test=-2755.922)
total time= 4.9s
[CV 1/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2171.071, test=-2431.211)
total time= 9.8s
[CV 4/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2066.052, test=-2593.700)
total time= 12.0s
[CV 2/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2577.440, test=-2389.329)
total time= 0.8s
[CV 4/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2533.967, test=-2605.936)
total time= 0.8s
[CV 2/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2452.330, test=-2349.976)
total time= 1.5s
[CV 5/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2386.557, test=-2755.238)
total time= 1.6s
[CV 3/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2154.087, test=-2733.102)
total time= 3.8s
[CV 1/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1917.554, test=-2443.365)
total time= 7.8s
[CV 2/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1575.003, test=-2532.311)
total time= 16.2s

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[CV 5/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250
 [CV 5/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250;; score=(train=-1234.277, test=-2809.802)
 total time= 19.4s
 [CV 1/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 1/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50;; score=(train=-2210.468, test=-2413.975)
 total time= 3.9s
 [CV 4/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 4/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50;; score=(train=-2215.006, test=-2534.579)
 total time= 3.9s
 [CV 2/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100
 [CV 2/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100;; score=(train=-1996.074, test=-2454.743)
 total time= 7.8s
 [CV 5/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100
 [CV 5/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100;; score=(train=-1867.281, test=-2800.963)
 total time= 7.8s
 [CV 1/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=250
 [CV 1/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=250;; score=(train=-1302.444, test=-2481.112)
 total time= 19.4s
 [CV 4/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500
 [CV 4/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500;; score=(train=-707.278, test=-2701.703)
 total time= 38.9s
 [CV 2/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=10, n_estimators=250
 [CV 2/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=10, n_estimators=250;; score=(train=-1499.117, test=-2531.076)
 total time= 20.1s
 [CV 5/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=10, n_estimators=500
 [CV 5/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=10, n_estimators=500;; score=(train=-816.469, test=-2874.543)
 total time= 39.2s
 [CV 3/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=250
 [CV 3/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250;; score=(train=-1439.509, test=-2849.517)
total time= 19.6s
[CV 1/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2565.333, test=-2480.680)
total time= 0.8s
[CV 2/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2586.947, test=-2380.788)
total time= 0.8s
[CV 4/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2537.957, test=-2617.458)
total time= 0.8s
[CV 1/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2449.988, test=-2432.974)
total time= 1.5s
[CV 3/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2374.599, test=-2745.689)
total time= 1.5s
[CV 1/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2258.335, test=-2421.499)
total time= 3.9s
[CV 5/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2167.303, test=-2701.053)
total time= 3.9s
[CV 3/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1918.599, test=-2768.772)
total time= 7.7s
[CV 1/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2154.742, test=-2734.976)

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total time= 3.7s
[CV 1/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1937.761, test=-2422.545)
total time= 7.8s
[CV 4/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1963.119, test=-2574.052)
total time= 7.9s
[CV 2/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1598.270, test=-2539.755)
total time= 15.8s
[CV 5/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1274.371, test=-2855.897)
total time= 19.4s
[CV 2/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2233.504, test=-2371.317)
total time= 3.8s
[CV 5/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2168.227, test=-2761.100)
total time= 3.9s
[CV 3/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1935.597, test=-2772.853)
total time= 7.8s
[CV 1/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1576.966, test=-2487.440)
total time= 15.7s
[CV 4/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1390.805, test=-2637.363)
total time= 19.9s
[CV 3/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

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[CV 3/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2492.198, test=-2801.999)
total time= 0.8s
[CV 5/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2493.382, test=-2798.986)
total time= 0.8s
[CV 2/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2469.111, test=-2337.597)
total time= 1.5s
[CV 4/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2432.579, test=-2558.376)
total time= 1.6s
[CV 2/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2272.381, test=-2353.793)
total time= 3.9s
[CV 5/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2175.900, test=-2756.736)
total time= 3.9s
[CV 3/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1963.975, test=-2782.581)
total time= 7.7s
[CV 1/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1626.957, test=-2483.246)
total time= 15.4s
[CV 4/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1477.647, test=-2618.398)
total time= 19.3s
[CV 3/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2486.972, test=-2796.823)
total time= 0.8s

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[CV 5/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 5/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2493.674, test=-2776.490) total time= 0.8s

[CV 2/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 2/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-2463.338, test=-2343.011) total time= 1.5s

[CV 4/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 4/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-2428.843, test=-2567.421) total time= 1.5s

[CV 2/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 2/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-2249.119, test=-2352.244) total time= 3.8s

[CV 4/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 4/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-2242.021, test=-2548.631) total time= 3.8s

[CV 2/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 2/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-2001.882, test=-2424.361) total time= 7.6s

[CV 5/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 5/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-1903.217, test=-2725.441) total time= 7.7s

[CV 1/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 1/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-1441.622, test=-2520.732) total time= 19.1s

[CV 4/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 1/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 1/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-2349.083, test=-2417.523) total time= 4.9s

[CV 4/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,


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min_samples_split=2, n_estimators=100
[CV 4/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2322.759, test=-2546.972)
total time= 5.1s
[CV 5/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2109.708, test=-2715.638)
total time= 9.8s
[CV 3/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1736.519, test=-2841.890)
total time= 24.4s
[CV 4/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2133.531, test=-2585.580)
total time= 9.7s
[CV 2/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1792.798, test=-2555.602)
total time= 24.2s
[CV 3/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2104.808, test=-2774.611)
total time= 9.8s
[CV 1/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1773.846, test=-2474.094)
total time= 24.1s
[CV 2/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2156.595, test=-2429.125)
total time= 9.7s
[CV 5/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2038.345, test=-2718.197)
total time= 12.2s
[CV 1/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2432.727, test=-2425.750)

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total time= 1.5s
[CV 4/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2428.771, test=-2555.150)
total time= 1.6s
[CV 2/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2228.079, test=-2381.972)
total time= 3.9s
[CV 5/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2138.673, test=-2771.787)
total time= 3.9s
[CV 3/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1881.721, test=-2768.927)
total time= 7.8s
[CV 5/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1431.064, test=-2795.661)
total time= 15.6s
[CV 3/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-701.397, test=-3009.856)
total time= 38.6s
[CV 4/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1472.294, test=-2626.784)
total time= 15.5s
[CV 2/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-805.739, test=-2648.573)
total time= 38.7s
[CV 4/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1560.521, test=-2606.615)
total time= 15.5s
[CV 2/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

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[CV 2/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=10, n_estimators=500;; score=(train=-938.813, test=-2614.865)
 total time= 39.0s
 [CV 3/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200
 [CV 3/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200;; score=(train=-1590.064, test=-2830.229)
 total time= 15.5s
 [CV 1/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=500
 [CV 1/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=500;; score=(train=-1023.810, test=-2557.487)
 total time= 38.6s
 [CV 2/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200
 [CV 2/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200;; score=(train=-1590.516, test=-2527.666)
 total time= 15.3s
 [CV 5/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=250
 [CV 5/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=250;; score=(train=-1349.680, test=-2779.723)
 total time= 19.0s
 [CV 4/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=20
 [CV 4/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=20;; score=(train=-2428.843, test=-2568.253)
 total time= 1.5s
 [CV 2/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50
 [CV 2/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50;; score=(train=-2249.119, test=-2355.503)
 total time= 3.8s
 [CV 5/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50
 [CV 5/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50;; score=(train=-2167.305, test=-2701.514)
 total time= 3.8s
 [CV 2/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=100
 [CV 5/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500
 [CV 5/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500;; score=(train=-660.704, test=-2889.464)
 total time= 39.0s
 [CV 3/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=250
 [CV 3/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250;; score=(train=-1274.736, test=-2915.998)
total time= 19.6s
[CV 1/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2561.450, test=-2477.654)
total time= 0.8s
[CV 2/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2580.642, test=-2389.781)
total time= 0.8s
[CV 3/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2488.005, test=-2802.059)
total time= 0.8s
[CV 5/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2493.382, test=-2799.517)
total time= 0.8s
[CV 2/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2462.311, test=-2344.807)
total time= 1.6s
[CV 4/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2428.290, test=-2556.948)
total time= 1.6s
[CV 1/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2244.003, test=-2424.619)
total time= 3.8s
[CV 4/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2244.924, test=-2538.959)
total time= 3.9s
[CV 2/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2027.308, test=-2443.414)
total time= 7.9s
[CV 5/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 5/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1905.752, test=-2781.414)
total time= 7.8s
[CV 1/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1419.635, test=-2492.872)
total time= 19.6s
[CV 4/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-860.861, test=-2711.794)
total time= 39.4s
[CV 2/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1567.072, test=-2530.875)
total time= 19.8s
[CV 5/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-865.487, test=-2886.854)
total time= 38.8s
[CV 3/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1365.793, test=-2833.035)
total time= 19.5s
[CV 1/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2565.333, test=-2480.503)
total time= 0.8s
[CV 2/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2586.947, test=-2381.531)
total time= 0.8s
[CV 4/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2537.957, test=-2617.458)
total time= 0.8s
[CV 1/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2449.988, test=-2433.647)

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total time= 1.5s
[CV 3/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2374.599, test=-2745.689)
total time= 1.5s
[CV 1/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2258.326, test=-2421.242)
total time= 3.9s
[CV 4/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2242.021, test=-2547.588)
total time= 3.9s
[CV 3/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1918.599, test=-2768.448)
total time= 7.7s
[CV 1/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1585.113, test=-2514.369)
total time= 15.6s
[CV 4/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1378.593, test=-2614.213)
total time= 19.5s
[CV 4/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2537.957, test=-2617.458)
total time= 0.8s
[CV 1/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1748.778, test=-2753.783)
total time= 24.5s
[CV 1/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1291.902, test=-2495.247)
total time= 19.4s

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[CV 4/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-723.002, test=-2727.465)
total time= 39.0s
[CV 2/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1422.040, test=-2566.328)
total time= 19.6s
[CV 5/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-691.820, test=-2951.087)
total time= 38.7s
[CV 3/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1357.835, test=-2894.882)
total time= 19.4s
[CV 1/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2562.782, test=-2479.393)
total time= 0.8s
[CV 2/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2583.286, test=-2385.048)
total time= 0.8s
[CV 4/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2536.699, test=-2608.607)
total time= 0.8s
[CV 1/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2445.806, test=-2423.441)
total time= 1.5s
[CV 3/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2382.589, test=-2761.037)
total time= 1.5s
[CV 1/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50;; score=(train=-2250.754, test=-2414.196)
total time= 3.8s
[CV 4/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2266.896, test=-2527.246)
total time= 3.8s
[CV 2/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2058.793, test=-2420.321)
total time= 7.7s
[CV 5/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1928.227, test=-2766.550)
total time= 7.7s
[CV 1/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1467.795, test=-2495.453)
total time= 19.3s
[CV 4/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-998.172, test=-2707.192)
total time= 38.7s
[CV 2/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1439.496, test=-2546.629)
total time= 19.2s
[CV 5/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-855.180, test=-2839.835)
total time= 38.7s
[CV 3/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1365.793, test=-2836.112)
total time= 19.5s
[CV 1/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2565.333, test=-2480.880)
total time= 0.8s
[CV 2/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10
[CV 2/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2586.947, test=-2381.596)
total time= 0.8s
[CV 3/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2486.972, test=-2796.823)
total time= 0.8s
[CV 5/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2493.674, test=-2775.735)
total time= 0.8s
[CV 2/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2463.338, test=-2340.686)
total time= 1.5s
[CV 5/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2383.934, test=-2730.517)
total time= 1.6s
[CV 3/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2186.464, test=-2735.312)
total time= 3.8s
[CV 1/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2009.999, test=-2458.171)
total time= 7.8s
[CV 4/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1899.730, test=-2775.013)
total time= 7.8s
[CV 1/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1472.519, test=-2457.730)
total time= 15.6s
[CV 4/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

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[CV 4/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1328.137, test=-2641.864)
total time= 19.4s
[CV 4/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2535.428, test=-2606.907)
total time= 0.8s
[CV 1/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2444.381, test=-2425.449)
total time= 1.5s
[CV 3/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2375.588, test=-2754.397)
total time= 1.5s
[CV 5/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2384.954, test=-2757.138)
total time= 1.6s
[CV 3/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2190.989, test=-2735.635)
total time= 3.8s
[CV 1/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1994.574, test=-2454.217)
total time= 7.8s
[CV 4/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2002.459, test=-2554.203)
total time= 7.8s
[CV 2/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1668.324, test=-2508.104)
total time= 15.8s
[CV 5/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1321.519, test=-2807.637)
total time= 19.4s

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[CV 5/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2386.141, test=-2756.306)
total time= 1.6s
[CV 3/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2208.611, test=-2732.836)
total time= 3.8s
[CV 1/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2027.766, test=-2436.638)
total time= 7.9s
[CV 4/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2046.349, test=-2554.814)
total time= 7.9s
[CV 5/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1560.319, test=-2802.155)
total time= 15.7s
[CV 3/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-909.993, test=-2914.142)
total time= 39.1s
[CV 5/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1500.885, test=-2758.459)
total time= 15.5s
[CV 3/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-882.053, test=-2919.799)
total time= 38.8s
[CV 5/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1500.885, test=-2757.820)
total time= 15.3s
[CV 2/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500;; score=(train=-921.762, test=-2649.354)
total time= 38.3s
[CV 2/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1590.516, test=-2527.345)
total time= 15.6s
[CV 5/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1349.680, test=-2779.933)
total time= 19.4s
[CV 2/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2267.589, test=-2344.624)
total time= 3.9s
[CV 5/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2177.179, test=-2706.181)
total time= 3.9s
[CV 3/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1947.424, test=-2780.335)
total time= 7.7s
[CV 5/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1941.151, test=-2712.123)
total time= 7.8s
[CV 1/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2214.785, test=-2528.484)
total time= 3.9s
[CV 2/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1987.062, test=-2463.597)
total time= 7.9s
[CV 3/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1430.863, test=-2854.565)
total time= 15.6s
[CV 1/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500
[CV 1/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-725.309, test=-2553.921)
total time= 38.7s
[CV 3/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1458.932, test=-2871.978)
total time= 15.6s
[CV 1/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-747.159, test=-2548.555)
total time= 38.9s
[CV 3/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1524.029, test=-2860.949)
total time= 15.6s
[CV 1/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-867.749, test=-2525.893)
total time= 38.5s
[CV 2/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1717.365, test=-2512.623)
total time= 15.6s
[CV 5/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1407.367, test=-2811.241)
total time= 19.2s
[CV 5/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2383.934, test=-2729.616)
total time= 1.5s
[CV 3/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2186.464, test=-2736.311)
total time= 3.7s
[CV 1/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2009.999, test=-2458.575)

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total time= 7.6s
[CV 4/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1987.912, test=-2564.939)
total time= 7.7s
[CV 3/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1518.811, test=-2806.828)
total time= 15.3s
[CV 1/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-932.416, test=-2607.182)
total time= 38.3s
[CV 2/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1590.516, test=-2526.378)
total time= 15.4s
[CV 5/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1349.680, test=-2776.946)
total time= 19.1s
[CV 3/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2374.599, test=-2745.689)
total time= 1.5s
[CV 1/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2258.327, test=-2421.682)
total time= 3.8s
[CV 4/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2242.021, test=-2548.248)
total time= 3.8s
[CV 2/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2001.882, test=-2425.476)
total time= 7.7s
[CV 5/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

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[CV 5/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1903.217, test=-2725.553)
total time= 7.6s
[CV 1/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1445.775, test=-2536.323)
total time= 19.4s
[CV 4/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-896.448, test=-2677.700)
total time= 39.0s
[CV 2/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1552.326, test=-2521.237)
total time= 19.7s
[CV 5/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-948.200, test=-2859.523)
total time= 39.0s
[CV 3/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1458.370, test=-2864.791)
total time= 19.4s
[CV 1/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2567.605, test=-2483.035)
total time= 0.8s
[CV 4/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-896.448, test=-2676.144)
total time= 38.3s
[CV 2/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1439.496, test=-2549.380)
total time= 19.3s
[CV 5/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-853.486, test=-2844.140)
total time= 38.3s
[CV 3/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

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[CV 3/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1365.793, test=-2836.134)
total time= 19.4s
[CV 1/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2568.577, test=-2483.122)
total time= 0.8s
[CV 2/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2588.488, test=-2384.829)
total time= 0.8s
[CV 3/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2490.430, test=-2799.012)
total time= 0.8s
[CV 5/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2493.674, test=-2776.565)
total time= 0.8s
[CV 2/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2468.995, test=-2343.412)
total time= 1.6s
[CV 4/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2429.289, test=-2569.046)
total time= 1.6s
[CV 1/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2265.718, test=-2433.870)
total time= 3.9s
[CV 4/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2252.187, test=-2548.602)
total time= 3.9s
[CV 2/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2081.912, test=-2398.400)
total time= 7.8s

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[CV 1/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 1/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1664.075, test=-2499.412)
total time= 15.6s
[CV 4/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 4/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-1501.225, test=-2644.641)
total time= 19.5s
[CV 3/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 3/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10;; score=(train=-2497.708, test=-2796.304)
total time= 0.8s
[CV 5/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 5/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10;; score=(train=-2497.530, test=-2769.831)
total time= 0.8s
[CV 2/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 2/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2470.918, test=-2342.145)
total time= 1.5s
[CV 4/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 4/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2430.737, test=-2568.155)
total time= 1.5s
[CV 2/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 2/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-2271.174, test=-2362.430)
total time= 3.8s
[CV 5/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 5/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-2191.898, test=-2700.239)
total time= 3.9s
[CV 3/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 3/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-1944.338, test=-2779.451)
total time= 7.6s
[CV 1/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 1/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200;; score=(train=-1653.327, test=-2489.983)
total time= 15.4s
[CV 4/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1557.704, test=-2654.089)
total time= 19.4s
[CV 2/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2594.946, test=-2385.269)
total time= 0.8s
[CV 4/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2540.514, test=-2619.897)
total time= 0.8s
[CV 1/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2459.932, test=-2428.648)
total time= 1.3s
[CV 3/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2395.810, test=-2751.038)
total time= 1.5s
[CV 1/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2270.878, test=-2425.634)
total time= 3.9s
[CV 2/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-765.553, test=-2619.565)
total time= 39.2s
[CV 5/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1430.428, test=-2842.187)
total time= 15.6s
[CV 3/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-717.849, test=-3047.809)
total time= 38.9s
[CV 5/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200;; score=(train=-1481.082, test=-2792.520)
total time= 15.5s
[CV 3/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-872.456, test=-2965.465)
total time= 39.0s
[CV 4/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1605.529, test=-2597.407)
total time= 15.7s
[CV 2/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1018.505, test=-2601.744)
total time= 39.5s
[CV 4/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1533.423, test=-2603.339)
total time= 15.5s
[CV 2/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-921.762, test=-2650.333)
total time= 39.0s
[CV 4/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1533.423, test=-2602.731)
total time= 15.6s
[CV 3/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-882.053, test=-2924.595)
total time= 39.1s
[CV 5/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1488.996, test=-2748.383)
total time= 15.5s
[CV 3/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-882.053, test=-2922.887)
total time= 39.3s
[CV 4/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200
[CV 4/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1649.600, test=-2627.650)
total time= 15.5s
[CV 2/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1029.345, test=-2605.896)
total time= 38.6s
[CV 3/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1605.176, test=-2846.199)
total time= 15.1s
[CV 5/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1392.599, test=-2779.355)
total time= 19.0s
[CV 4/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2430.737, test=-2568.206)
total time= 1.5s
[CV 2/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2271.174, test=-2363.908)
total time= 3.8s
[CV 5/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2193.175, test=-2697.883)
total time= 3.9s
[CV 3/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1945.955, test=-2783.573)
total time= 7.5s
[CV 1/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1653.327, test=-2489.135)
total time= 15.5s
[CV 4/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1557.704, test=-2654.269)

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total time= 19.4s
[CV 3/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2497.708, test=-2796.304)
total time= 0.8s
[CV 5/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2497.530, test=-2769.434)
total time= 0.8s
[CV 2/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2470.918, test=-2341.850)
total time= 1.5s
[CV 5/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2390.876, test=-2718.892)
total time= 1.6s
[CV 3/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2198.163, test=-2728.302)
total time= 3.8s
[CV 1/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2028.972, test=-2452.126)
total time= 7.7s
[CV 2/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2001.882, test=-2422.056)
total time= 7.7s
[CV 5/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1903.217, test=-2726.716)
total time= 7.7s
[CV 1/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1441.622, test=-2514.867)
total time= 19.2s
[CV 4/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-896.448, test=-2675.696)

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total time= 38.5s
[CV 2/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1439.496, test=-2549.452)
total time= 19.4s
[CV 5/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-855.180, test=-2842.431)
total time= 38.9s
[CV 3/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1445.939, test=-2870.687)
total time= 19.2s
[CV 1/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2567.605, test=-2483.035)
total time= 0.8s
[CV 2/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2594.946, test=-2383.569)
total time= 0.8s
[CV 4/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2540.514, test=-2619.897)
total time= 0.7s
[CV 1/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2459.932, test=-2428.473)
total time= 1.5s
[CV 3/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2395.810, test=-2751.038)
total time= 1.5s
[CV 1/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2270.878, test=-2425.634)
total time= 3.8s
[CV 4/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

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[CV 4/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2261.199, test=-2554.548)
total time= 3.8s
[CV 2/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2053.380, test=-2410.368)
total time= 7.7s
[CV 5/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1939.361, test=-2721.691)
total time= 7.6s
[CV 1/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1495.430, test=-2509.052)
total time= 19.0s
[CV 4/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1067.877, test=-2743.275)
total time= 38.5s
[CV 2/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1511.113, test=-2506.623)
total time= 19.2s
[CV 5/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-949.041, test=-2817.402)
total time= 38.3s
[CV 3/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1458.370, test=-2868.188)
total time= 19.1s
[CV 1/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2567.605, test=-2482.906)
total time= 0.8s
[CV 2/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2594.946, test=-2381.461)
total time= 0.8s

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[CV 3/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2497.708, test=-2796.304)
total time= 0.8s
[CV 4/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2540.514, test=-2619.897)
total time= 0.8s
[CV 1/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2459.932, test=-2428.382)
total time= 1.5s
[CV 4/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2430.737, test=-2568.206)
total time= 1.5s
[CV 2/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2271.174, test=-2361.823)
total time= 3.8s
[CV 5/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2193.175, test=-2698.452)
total time= 3.8s
[CV 1/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1596.391, test=-2503.352)
total time= 15.5s
[CV 4/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1378.593, test=-2614.252)
total time= 19.5s
[CV 3/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2486.972, test=-2796.823)
total time= 0.8s
[CV 5/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2493.674, test=-2776.573)
total time= 0.8s

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[CV 2/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=20
 [CV 2/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=20;; score=(train=-2463.338, test=-2339.642)
 total time= 1.5s
 [CV 5/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=20
 [CV 5/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=20;; score=(train=-2383.934, test=-2729.460)
 total time= 1.6s
 [CV 3/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50
 [CV 3/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50;; score=(train=-2186.464, test=-2736.133)
 total time= 3.7s
 [CV 1/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=100
 [CV 1/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=100;; score=(train=-2007.789, test=-2458.081)
 total time= 7.8s
 [CV 4/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=100
 [CV 4/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=100;; score=(train=-1987.912, test=-2567.973)
 total time= 7.8s
 [CV 3/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=200
 [CV 3/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=200;; score=(train=-1518.811, test=-2804.230)
 total time= 15.6s
 [CV 1/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=500
 [CV 1/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=500;; score=(train=-932.416, test=-2606.580)
 total time= 39.0s
 [CV 4/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=200
 [CV 4/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=200;; score=(train=-1533.423, test=-2603.129)
 total time= 15.4s
 [CV 1/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=500
 [CV 1/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=500;; score=(train=-964.095, test=-2582.206)
 total time= 38.7s
 [CV 2/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=200
 [CV 2/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-1700.067, test=-2485.387)
total time= 15.6s
[CV 5/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1426.077, test=-2764.531)
total time= 19.4s
[CV 5/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2390.876, test=-2718.885)
total time= 1.6s
[CV 3/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2198.163, test=-2728.710)
total time= 3.8s
[CV 1/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2028.972, test=-2452.327)
total time= 7.6s
[CV 4/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2037.734, test=-2572.976)
total time= 7.7s
[CV 5/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1565.541, test=-2746.299)
total time= 15.2s
[CV 2/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1026.994, test=-2597.143)
total time= 38.5s
[CV 4/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1701.922, test=-2622.741)
total time= 15.4s
[CV 2/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-984.950, test=-2573.767)
total time= 37.6s
[CV 3/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200
[CV 3/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1605.759, test=-2839.743)
total time= 15.2s
[CV 1/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1023.305, test=-2599.382)
total time= 38.5s
[CV 2/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1653.118, test=-2491.302)
total time= 15.6s
[CV 5/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1392.599, test=-2779.508)
total time= 19.1s
[CV 3/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2400.227, test=-2755.981)
total time= 1.5s
[CV 1/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2276.468, test=-2429.621)
total time= 3.9s
[CV 1/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2449.988, test=-2433.394)
total time= 1.5s
[CV 4/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2428.843, test=-2567.421)
total time= 1.5s
[CV 2/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2249.119, test=-2354.601)
total time= 3.8s
[CV 5/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2167.305, test=-2702.632)
total time= 3.9s
[CV 3/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 3/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1918.599, test=-2770.799)
total time= 7.7s
[CV 1/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1596.391, test=-2503.297)
total time= 15.5s
[CV 4/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1378.593, test=-2616.595)
total time= 19.2s
[CV 4/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2538.570, test=-2617.837)
total time= 0.8s
[CV 1/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2458.302, test=-2436.781)
total time= 1.5s
[CV 3/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2378.755, test=-2757.294)
total time= 1.5s
[CV 5/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2383.502, test=-2727.624)
total time= 1.6s
[CV 3/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2201.855, test=-2743.222)
total time= 3.8s
[CV 1/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2029.121, test=-2449.780)
total time= 7.7s
[CV 4/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2026.191, test=-2570.157)

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total time= 7.8s
[CV 5/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1552.584, test=-2759.334)
total time= 15.5s
[CV 3/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-964.135, test=-2972.298)
total time= 39.1s
[CV 4/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1701.922, test=-2621.810)
total time= 15.6s
[CV 3/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-966.166, test=-2973.937)
total time= 37.9s
[CV 3/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1605.176, test=-2849.838)
total time= 15.3s
[CV 1/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1023.305, test=-2602.320)
total time= 38.0s
[CV 2/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1678.804, test=-2489.445)
total time= 15.2s
[CV 5/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1392.599, test=-2780.135)
total time= 18.8s
[CV 3/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2395.810, test=-2751.038)
total time= 1.5s
[CV 1/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

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[CV 1/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2270.878, test=-2425.295)
total time= 3.8s
[CV 4/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2261.199, test=-2553.631)
total time= 3.8s
[CV 2/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2066.419, test=-2422.425)
total time= 7.6s
[CV 5/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1943.358, test=-2719.506)
total time= 7.6s
[CV 1/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1495.430, test=-2509.209)
total time= 19.0s
[CV 4/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1067.877, test=-2746.922)
total time= 38.5s
[CV 4/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1987.912, test=-2566.274)
total time= 7.8s
[CV 3/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1518.811, test=-2804.842)
total time= 15.6s
[CV 2/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-921.762, test=-2647.917)
total time= 39.1s
[CV 3/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1603.501, test=-2853.486)
total time= 15.6s
[CV 1/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 1/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1019.667, test=-2604.095)
total time= 38.9s

[CV 2/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1653.118, test=-2490.446)
total time= 15.4s

[CV 1/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1023.305, test=-2598.778)
total time= 38.6s

[CV 2/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 2/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1678.220, test=-2500.106)
total time= 15.2s

[CV 5/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 5/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1392.599, test=-2778.357)
total time= 18.9s

[CV 3/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 3/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2395.810, test=-2751.038)
total time= 1.5s

[CV 1/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 1/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2270.878, test=-2425.661)
total time= 3.8s

[CV 4/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 4/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2261.199, test=-2552.775)
total time= 3.8s

[CV 2/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 2/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2066.419, test=-2422.161)
total time= 7.7s

[CV 5/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 5/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1939.361, test=-2722.422)
total time= 7.6s

[CV 1/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1495.430, test=-2511.263)
total time= 19.0s
[CV 4/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1067.877, test=-2746.026)
total time= 38.5s
[CV 2/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1509.065, test=-2507.183)
total time= 19.0s
[CV 5/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-955.053, test=-2863.691)
total time= 38.3s
[CV 3/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1529.774, test=-2856.052)
total time= 19.0s
[CV 1/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2571.377, test=-2483.102)
total time= 0.8s
[CV 3/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2499.355, test=-2797.948)
total time= 0.7s
[CV 5/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2503.220, test=-2762.956)
total time= 0.8s
[CV 2/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2479.243, test=-2329.153)
total time= 1.5s
[CV 4/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,


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min_samples_split=5, n_estimators=20;; score=(train=-2436.240, test=-2558.816)
total time= 1.5s
[CV 2/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2290.477, test=-2341.999)
total time= 3.8s
[CV 5/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2206.653, test=-2697.665)
total time= 3.8s
[CV 3/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1988.769, test=-2780.477)
total time= 7.5s
[CV 1/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1696.311, test=-2500.855)
total time= 15.2s
[CV 4/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1575.824, test=-2616.905)
total time= 19.0s
[CV 4/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2261.199, test=-2553.587)
total time= 3.8s
[CV 2/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2066.419, test=-2421.772)
total time= 7.7s
[CV 5/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1939.361, test=-2722.450)
total time= 7.7s
[CV 1/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1495.430, test=-2508.978)
total time= 19.1s
[CV 4/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500
[CV 4/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1067.877, test=-2747.037)
total time= 38.2s
[CV 2/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1539.696, test=-2507.637)
total time= 19.1s
[CV 5/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-949.041, test=-2817.271)
total time= 38.1s
[CV 3/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1491.538, test=-2864.681)
total time= 19.0s
[CV 1/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2571.377, test=-2483.102)
total time= 0.8s
[CV 2/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2599.182, test=-2377.550)
total time= 0.8s
[CV 4/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2538.947, test=-2610.738)
total time= 0.8s
[CV 1/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2461.442, test=-2434.044)
total time= 1.5s
[CV 4/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2436.240, test=-2558.816)
total time= 1.5s
[CV 2/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2290.477, test=-2344.034)

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total time= 3.9s
[CV 5/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2206.653, test=-2698.025)
total time= 3.8s
[CV 3/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1989.395, test=-2768.800)
total time= 7.5s
[CV 1/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1696.311, test=-2499.887)
total time= 15.2s
[CV 4/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1575.824, test=-2617.953)
total time= 19.0s
[CV 2/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2599.182, test=-2381.953)
total time= 0.8s
[CV 4/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2538.947, test=-2610.738)
total time= 0.8s
[CV 1/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2461.442, test=-2434.822)
total time= 1.5s
[CV 3/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2400.227, test=-2755.973)
total time= 1.5s
[CV 1/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2276.468, test=-2428.504)
total time= 3.8s
[CV 4/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

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[CV 4/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2258.836, test=-2521.248)
total time= 3.8s

[CV 2/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 2/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2068.075, test=-2403.861)
total time= 7.6s

[CV 5/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 5/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1978.881, test=-2706.391)
total time= 7.6s

[CV 1/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 1/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1552.484, test=-2523.427)
total time= 19.1s

[CV 4/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 4/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1108.676, test=-2734.049)
total time= 41.5s

[CV 3/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1532.630, test=-2501.206)
total time= 19.5s

[CV 4/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 4/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1018.271, test=-2702.312)
total time= 39.2s

[CV 2/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 2/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1511.113, test=-2505.098)
total time= 19.3s

[CV 5/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 5/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-949.041, test=-2819.462)
total time= 38.6s

[CV 3/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 3/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1491.396, test=-2885.930)
total time= 19.4s

[CV 1/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 1/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2567.605, test=-2483.035) total time= 0.8s
[CV 2/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 2/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2594.946, test=-2383.569) total time= 0.8s
[CV 4/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 4/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2540.514, test=-2619.897) total time= 0.8s
[CV 1/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 1/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2459.932, test=-2428.460) total time= 1.5s
[CV 4/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 4/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2430.737, test=-2568.206) total time= 1.5s
[CV 2/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 2/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-2271.177, test=-2366.637) total time= 3.8s
[CV 5/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 5/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-2193.176, test=-2698.582) total time= 3.9s
[CV 3/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 3/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1945.955, test=-2783.026) total time= 7.6s
[CV 1/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 1/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-1653.327, test=-2488.767) total time= 15.4s
[CV 4/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 4/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-1557.704, test=-2652.738)
total time= 19.4s
[CV 5/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2497.530, test=-2769.831)
total time= 0.8s
[CV 2/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2470.918, test=-2340.842)
total time= 1.5s
[CV 5/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2390.876, test=-2719.421)
total time= 1.5s
[CV 3/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2198.148, test=-2728.674)
total time= 3.8s
[CV 1/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2028.972, test=-2450.017)
total time= 7.7s
[CV 4/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2037.734, test=-2573.027)
total time= 7.8s
[CV 4/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1701.922, test=-2623.790)
total time= 15.6s
[CV 3/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-966.166, test=-2972.549)
total time= 38.4s
[CV 5/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1643.453, test=-2744.114)
total time= 15.3s
[CV 3/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500
[CV 3/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1082.041, test=-2965.884)
total time= 38.4s
[CV 4/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1716.392, test=-2603.425)
total time= 15.4s
[CV 3/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1082.041, test=-2967.452)
total time= 40.3s
[CV 1/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1552.484, test=-2523.465)
total time= 20.1s
[CV 4/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1122.902, test=-2706.638)
total time= 38.3s
[CV 3/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2497.708, test=-2796.304)
total time= 0.8s
[CV 5/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2497.530, test=-2769.434)
total time= 0.8s
[CV 2/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2470.918, test=-2342.608)
total time= 1.5s
[CV 5/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2390.876, test=-2718.564)
total time= 1.6s
[CV 3/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2198.163, test=-2728.234)

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total time= 3.8s
[CV 1/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2028.972, test=-2452.991)
total time= 7.8s
[CV 4/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2037.734, test=-2573.660)
total time= 7.8s
[CV 5/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1540.809, test=-2768.411)
total time= 15.2s
[CV 3/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-966.166, test=-2976.525)
total time= 38.4s
[CV 4/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1701.922, test=-2622.884)
total time= 15.6s
[CV 2/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1036.662, test=-2593.049)
total time= 38.5s
[CV 3/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1605.759, test=-2837.977)
total time= 15.5s
[CV 1/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1023.305, test=-2599.920)
total time= 38.4s
[CV 2/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1740.370, test=-2492.636)
total time= 15.1s
[CV 5/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

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[CV 5/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1520.264, test=-2764.128)
total time= 18.8s

[CV 5/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 5/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2394.247, test=-2715.509)
total time= 1.5s

[CV 3/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 3/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2228.409, test=-2735.764)
total time= 3.7s

[CV 1/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 1/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2068.097, test=-2438.905)
total time= 7.5s

[CV 4/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 4/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2050.959, test=-2556.205)
total time= 7.6s

[CV 5/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 5/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1643.453, test=-2742.440)
total time= 15.4s

[CV 2/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 2/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1119.810, test=-2567.697)
total time= 34.5s

[CV 5/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 5/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1978.881, test=-2705.985)
total time= 3.9s

[CV 3/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 3/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1673.240, test=-2851.823)
total time= 8.0s

[CV 2/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 2/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1604.014, test=-2516.663)
total time= 19.2s

[CV 5/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1047.401, test=-2820.033)
total time= 38.2s
[CV 3/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1529.774, test=-2858.319)
total time= 19.3s
[CV 1/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2402.193, test=-2476.408)
total time= 1.3s
[CV 4/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2407.026, test=-2631.597)
total time= 1.1s
[CV 1/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2037.734, test=-2573.022)
total time= 7.7s
[CV 5/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1540.809, test=-2765.956)
total time= 15.2s
[CV 3/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-972.996, test=-2964.864)
total time= 38.5s
[CV 5/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1540.809, test=-2765.015)
total time= 15.0s
[CV 2/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1026.994, test=-2594.382)
total time= 38.3s
[CV 3/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200
[CV 3/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1673.240, test=-2853.107)
total time= 15.2s
[CV 1/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1096.048, test=-2616.710)
total time= 37.8s
[CV 2/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1740.373, test=-2495.849)
total time= 15.3s
[CV 5/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1520.264, test=-2766.139)
total time= 19.0s
[CV 5/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2394.247, test=-2715.623)
total time= 1.6s
[CV 3/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2226.503, test=-2735.327)
total time= 3.7s
[CV 1/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2068.097, test=-2438.567)
total time= 7.7s
[CV 4/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2050.960, test=-2555.184)
total time= 9.3s
[CV 5/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1643.453, test=-2743.140)
total time= 16.5s
[CV 3/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1082.041, test=-2967.204)

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total time= 37.8s
[CV 5/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1643.453, test=-2743.163)
total time= 15.1s
[CV 3/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1082.041, test=-2968.234)
total time= 38.3s
[CV 5/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1192.043, test=-2840.060)
total time= 11.5s
[CV 3/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-384.363, test=-2923.516)
total time= 28.8s
[CV 1/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2408.564, test=-2477.175)
total time= 1.1s
[CV 2/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2454.730, test=-2384.566)
total time= 1.1s
[CV 3/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2329.997, test=-2804.252)
total time= 1.1s
[CV 4/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2411.569, test=-2638.800)
total time= 1.1s
[CV 5/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2389.909, test=-2833.324)
total time= 1.2s
[CV 1/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

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[CV 1/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20;; score=(train=-2178.905, test=-2451.902)
 total time= 2.2s
 [CV 2/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20
 [CV 2/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20;; score=(train=-2251.569, test=-2368.846)
 total time= 2.3s
 [CV 3/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20
 [CV 3/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20;; score=(train=-2078.492, test=-2754.960)
 total time= 2.2s
 [CV 5/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20
 [CV 5/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20;; score=(train=-2185.226, test=-2798.316)
 total time= 2.3s
 [CV 3/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 3/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100
 [CV 3/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100;; score=(train=-1945.955, test=-2783.254)
 total time= 7.6s
 [CV 1/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200
 [CV 1/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200;; score=(train=-1653.327, test=-2488.216)
 total time= 15.3s
 [CV 4/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=250
 [CV 4/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=250;; score=(train=-1557.704, test=-2653.795)
 total time= 19.3s
 [CV 3/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=10
 [CV 3/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=10;; score=(train=-2499.355, test=-2798.006)
 total time= 0.7s
 [CV 5/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=10
 [CV 5/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=10;; score=(train=-2503.220, test=-2762.956)
 total time= 0.8s
 [CV 2/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20
 [CV 2/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-2479.243, test=-2328.816)
total time= 1.5s
[CV 5/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2394.247, test=-2715.717)
total time= 1.6s
[CV 3/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2228.409, test=-2735.869)
total time= 3.7s
[CV 1/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2068.097, test=-2438.588)
total time= 7.6s
[CV 4/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2050.960, test=-2556.678)
total time= 7.7s
[CV 4/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1716.828, test=-2606.766)
total time= 15.4s
[CV 2/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1119.810, test=-2572.341)
total time= 38.3s
[CV 3/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1673.240, test=-2851.233)
total time= 15.3s
[CV 1/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1096.048, test=-2618.604)
total time= 39.4s
[CV 4/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1716.392, test=-2605.035)
total time= 16.7s
[CV 2/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 2/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1119.813, test=-2564.560)
total time= 38.4s
[CV 4/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1716.828, test=-2606.125)
total time= 15.4s
[CV 2/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1119.810, test=-2573.479)
total time= 38.6s
[CV 1/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-589.723, test=-2564.597)
total time= 23.3s
[CV 4/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-365.468, test=-2755.176)
total time= 29.0s
[CV 4/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2200.382, test=-2598.139)
total time= 2.3s
[CV 2/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1800.469, test=-2443.363)
total time= 5.7s
[CV 5/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1652.294, test=-2811.210)
total time= 5.7s
[CV 3/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1214.153, test=-2805.275)
total time= 11.5s
[CV 1/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-586.579, test=-2566.503)

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total time= 23.2s
[CV 4/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-447.719, test=-2747.156)
total time= 29.3s
[CV 4/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2427.557, test=-2637.147)
total time= 1.1s
[CV 1/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2213.951, test=-2460.263)
total time= 2.2s
[CV 3/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2258.836, test=-2521.910)
total time= 3.7s
[CV 2/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2068.075, test=-2406.588)
total time= 7.5s
[CV 5/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1978.881, test=-2705.724)
total time= 7.6s
[CV 1/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1552.484, test=-2522.703)
total time= 18.9s
[CV 4/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1108.676, test=-2732.919)
total time= 38.0s
[CV 2/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1604.014, test=-2520.233)
total time= 19.1s

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[CV 5/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1047.401, test=-2818.806)
total time= 41.3s
[CV 4/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1575.824, test=-2619.155)
total time= 19.1s
[CV 5/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2503.220, test=-2762.956)
total time= 0.8s
[CV 2/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2479.243, test=-2329.319)
total time= 1.5s
[CV 5/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2394.247, test=-2715.658)
total time= 1.5s
[CV 3/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2226.503, test=-2735.348)
total time= 3.8s
[CV 1/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2068.097, test=-2438.370)
total time= 7.6s
[CV 4/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2050.960, test=-2555.505)
total time= 7.7s
[CV 3/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1673.240, test=-2851.623)
total time= 15.2s
[CV 1/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500;; score=(train=-1096.048, test=-2618.914)
total time= 38.4s
[CV 4/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1221.218, test=-2700.089)
total time= 11.7s
[CV 2/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-476.556, test=-2617.035)
total time= 29.2s
[CV 5/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-85.012, test=-2901.943)
total time= 58.7s
[CV 3/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-469.324, test=-2887.219)
total time= 29.4s
[CV 1/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2429.508, test=-2491.209)
total time= 1.1s
[CV 2/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2482.377, test=-2379.859)
total time= 1.1s
[CV 3/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2352.530, test=-2806.019)
total time= 1.1s
[CV 5/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2403.116, test=-2818.955)
total time= 1.2s
[CV 2/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2241.780, test=-2362.079)
total time= 2.2s
[CV 4/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20
[CV 4/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2227.758, test=-2588.116)
total time= 2.3s
[CV 2/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1875.539, test=-2443.100)
total time= 5.7s
[CV 5/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1829.866, test=-2764.545)
total time= 5.8s
[CV 3/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2499.355, test=-2797.948)
total time= 0.8s
[CV 5/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2503.220, test=-2762.922)
total time= 0.8s
[CV 2/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2479.243, test=-2332.260)
total time= 1.5s
[CV 4/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2436.240, test=-2558.816)
total time= 1.5s
[CV 2/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2290.477, test=-2346.026)
total time= 3.7s
[CV 5/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2206.653, test=-2697.402)
total time= 3.8s
[CV 3/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 3/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1989.395, test=-2769.739)
total time= 9.0s
[CV 2/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1740.370, test=-2495.019)
total time= 17.4s
[CV 1/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1096.048, test=-2619.306)
total time= 38.5s
[CV 2/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1740.370, test=-2496.611)
total time= 15.4s
[CV 5/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1520.264, test=-2765.781)
total time= 19.4s
[CV 2/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2217.465, test=-2373.310)
total time= 2.3s
[CV 5/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2187.243, test=-2802.336)
total time= 2.4s
[CV 3/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1678.799, test=-2774.618)
total time= 5.6s
[CV 1/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1189.814, test=-2512.752)
total time= 11.6s
[CV 2/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-652.868, test=-2598.896)
total time= 23.5s

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[CV 5/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250
 [CV 5/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250;; score=(train=-347.273, test=-2874.321)
 total time= 29.0s
 [CV 1/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 1/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50;; score=(train=-1703.262, test=-2449.479)
 total time= 5.6s
 [CV 4/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 4/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50;; score=(train=-1770.178, test=-2590.140)
 total time= 5.8s
 [CV 2/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100
 [CV 2/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100;; score=(train=-1283.237, test=-2527.712)
 total time= 11.6s
 [CV 5/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100
 [CV 5/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100;; score=(train=-1151.008, test=-2859.859)
 total time= 11.6s
 [CV 1/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=250
 [CV 1/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=250;; score=(train=-449.096, test=-2531.769)
 total time= 29.3s
 [CV 4/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500
 [CV 4/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500;; score=(train=-97.518, test=-2813.735)
 total time= 59.0s
 [CV 2/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=10, n_estimators=250
 [CV 2/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=10, n_estimators=250;; score=(train=-662.255, test=-2568.066)
 total time= 29.6s
 [CV 5/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=10, n_estimators=500
 [CV 5/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=10, n_estimators=500;; score=(train=-193.267, test=-2904.570)
 total time= 58.5s
 [CV 3/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
 min_samples_split=15, n_estimators=250
 [CV 3/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250;; score=(train=-729.522, test=-2916.363)
total time= 28.9s
[CV 1/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2449.119, test=-2494.504)
total time= 1.1s
[CV 2/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2491.962, test=-2393.765)
total time= 1.1s
[CV 3/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1559.959, test=-2877.500)
total time= 19.2s
[CV 1/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2571.377, test=-2482.781)
total time= 0.8s
[CV 2/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2599.182, test=-2373.426)
total time= 0.8s
[CV 3/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2499.355, test=-2798.006)
total time= 0.7s
[CV 4/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2538.947, test=-2610.738)
total time= 0.8s
[CV 1/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2461.442, test=-2435.249)
total time= 1.5s
[CV 4/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2436.240, test=-2558.816)
total time= 1.5s
[CV 2/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50
[CV 2/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2290.477, test=-2342.712)
total time= 3.8s
[CV 5/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2206.653, test=-2698.157)
total time= 3.8s
[CV 3/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1988.769, test=-2780.535)
total time= 7.5s
[CV 1/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1696.311, test=-2499.940)
total time= 15.2s
[CV 4/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1553.769, test=-2643.052)
total time= 19.0s
[CV 2/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2451.084, test=-2390.080)
total time= 1.2s
[CV 3/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2330.183, test=-2809.701)
total time= 1.1s
[CV 5/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2388.380, test=-2834.641)
total time= 1.2s
[CV 3/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2087.690, test=-2763.630)
total time= 2.2s
[CV 1/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1706.413, test=-2453.427)

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total time= 5.6s
[CV 4/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1740.760, test=-2613.732)
total time= 5.8s
[CV 2/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1223.144, test=-2521.145)
total time= 11.6s
[CV 3/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-542.575, test=-2898.589)
total time= 23.1s
[CV 1/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-95.901, test=-2558.068)
total time= 58.3s
[CV 3/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-641.481, test=-2876.273)
total time= 23.3s
[CV 1/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-99.661, test=-2587.238)
total time= 58.8s
[CV 3/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-767.326, test=-2901.011)
total time= 23.5s
[CV 1/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-204.244, test=-2601.120)
total time= 59.4s
[CV 2/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-935.839, test=-2526.596)
total time= 23.3s
[CV 5/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 5/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-695.475, test=-2845.652)
total time= 29.2s

[CV 2/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 2/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1868.236, test=-2421.920)
total time= 5.6s

[CV 5/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 5/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1802.563, test=-2745.319)
total time= 5.7s

[CV 2/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 2/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1604.014, test=-2527.213)
total time= 19.2s

[CV 5/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 5/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1047.401, test=-2820.536)
total time= 38.2s

[CV 3/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 3/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1559.959, test=-2879.911)
total time= 19.1s

[CV 1/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 1/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2571.377, test=-2482.781)
total time= 0.8s

[CV 2/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 2/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2599.182, test=-2379.923)
total time= 0.8s

[CV 4/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 4/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2538.947, test=-2610.738)
total time= 0.8s

[CV 1/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 1/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2461.442, test=-2434.828)
total time= 1.5s

[CV 3/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 3/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2400.227, test=-2755.981) total time= 1.5s

[CV 1/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 1/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-2276.468, test=-2429.729) total time= 3.8s

[CV 4/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 4/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-2258.836, test=-2521.478) total time= 3.8s

[CV 2/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 2/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-2068.075, test=-2401.097) total time= 8.4s

[CV 1/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 1/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1696.311, test=-2500.316) total time= 17.4s

[CV 5/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 5/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1520.264, test=-2765.190) total time= 19.1s

[CV 3/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2400.227, test=-2755.981) total time= 1.5s

[CV 1/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2276.468, test=-2428.679) total time= 3.8s

[CV 4/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 4/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2258.836, test=-2521.457) total time= 3.8s

[CV 2/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 2/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100;; score=(train=-2068.075, test=-2405.464)
total time= 7.6s
[CV 5/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1978.881, test=-2706.499)
total time= 7.6s
[CV 1/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1552.484, test=-2524.124)
total time= 19.0s
[CV 4/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1108.676, test=-2733.611)
total time= 38.5s
[CV 5/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-537.502, test=-2882.005)
total time= 23.4s
[CV 3/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-70.820, test=-2929.377)
total time= 58.4s
[CV 4/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-610.030, test=-2727.929)
total time= 23.2s
[CV 2/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-130.804, test=-2645.696)
total time= 58.9s
[CV 4/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-849.309, test=-2700.302)
total time= 23.7s
[CV 2/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-232.187, test=-2617.124)
total time= 59.4s
[CV 5/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 5/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-897.077, test=-2835.090)
total time= 23.4s
[CV 3/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-256.486, test=-2986.203)
total time= 58.7s
[CV 3/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1704.104, test=-2737.821)
total time= 5.5s
[CV 1/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1221.752, test=-2486.520)
total time= 11.4s
[CV 4/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1297.370, test=-2651.960)
total time= 11.7s
[CV 2/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-700.692, test=-2584.127)
total time= 23.4s
[CV 5/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-419.384, test=-2924.708)
total time= 28.9s
[CV 1/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1770.116, test=-2480.576)
total time= 5.5s
[CV 4/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1883.990, test=-2590.659)
total time= 5.8s
[CV 2/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1460.990, test=-2497.856)
total time= 11.6s
[CV 5/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 5/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1283.143, test=-2814.433)
total time= 11.4s
[CV 1/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-590.323, test=-2573.877)
total time= 29.1s
[CV 4/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-236.556, test=-2763.077)
total time= 59.3s
[CV 2/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-735.755, test=-2549.504)
total time= 28.6s
[CV 5/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-268.509, test=-2881.147)
total time= 58.8s
[CV 3/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-696.630, test=-2925.822)
total time= 29.0s
[CV 1/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2449.119, test=-2493.779)
total time= 1.1s
[CV 2/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2491.962, test=-2391.512)
total time= 1.1s
[CV 3/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2367.531, test=-2806.758)
total time= 1.1s
[CV 5/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2412.999, test=-2790.403)

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total time= 1.2s
[CV 2/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2266.515, test=-2365.560)
total time= 2.2s
[CV 4/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2236.111, test=-2593.130)
total time= 2.2s
[CV 2/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1868.236, test=-2417.132)
total time= 5.5s
[CV 5/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1802.563, test=-2746.704)
total time= 5.6s
[CV 3/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1447.532, test=-2801.747)
total time= 11.3s
[CV 1/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-853.255, test=-2608.461)
total time= 22.7s
[CV 3/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-696.630, test=-2923.409)
total time= 28.6s
[CV 1/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2449.119, test=-2493.763)
total time= 1.1s
[CV 2/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2491.962, test=-2395.125)
total time= 1.1s
[CV 4/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 4/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2437.550, test=-2624.731)
total time= 1.1s
[CV 1/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2261.299, test=-2461.247)
total time= 2.2s
[CV 2/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1604.014, test=-2518.330)
total time= 19.3s
[CV 5/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1047.401, test=-2818.853)
total time= 38.5s
[CV 1/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-439.866, test=-2555.605)
total time= 29.4s
[CV 4/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-91.916, test=-2802.241)
total time= 58.8s
[CV 2/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-515.923, test=-2605.024)
total time= 29.4s
[CV 5/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-95.383, test=-2943.019)
total time= 58.8s
[CV 4/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-647.007, test=-2703.750)
total time= 29.4s
[CV 3/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2379.014, test=-2796.741)
total time= 1.1s

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[CV 5/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2405.228, test=-2813.412)
total time= 1.2s
[CV 2/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2286.378, test=-2355.294)
total time= 2.2s
[CV 4/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2269.430, test=-2583.456)
total time= 2.3s
[CV 2/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1903.388, test=-2397.512)
total time= 5.6s
[CV 5/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1859.058, test=-2738.859)
total time= 5.7s
[CV 3/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1431.634, test=-2783.940)
total time= 11.4s
[CV 1/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-915.760, test=-2535.259)
total time= 23.1s
[CV 4/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-839.703, test=-2684.604)
total time= 29.5s
[CV 5/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2412.999, test=-2790.729)
total time= 1.2s
[CV 2/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20;; score=(train=-2266.515, test=-2365.175)
total time= 2.2s
[CV 4/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2236.111, test=-2592.420)
total time= 2.3s
[CV 1/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1892.866, test=-2477.843)
total time= 5.5s
[CV 4/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1880.287, test=-2592.945)
total time= 5.6s
[CV 2/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1451.942, test=-2506.141)
total time= 11.6s
[CV 5/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1368.716, test=-2792.387)
total time= 11.7s
[CV 1/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-705.635, test=-2613.471)
total time= 28.9s
[CV 4/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-265.161, test=-2803.902)
total time= 57.7s
[CV 2/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-726.780, test=-2610.680)
total time= 28.7s
[CV 5/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-234.941, test=-2886.120)
total time= 57.4s
[CV 3/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250
[CV 3/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-696.630, test=-2925.926)
total time= 28.7s
[CV 1/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1288.344, test=-2816.409)
total time= 11.4s
[CV 1/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-755.141, test=-2555.941)
total time= 23.4s
[CV 3/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-570.837, test=-2934.294)
total time= 29.2s
[CV 1/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2459.283, test=-2481.385)
total time= 1.1s
[CV 2/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2496.476, test=-2381.553)
total time= 1.1s
[CV 4/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2440.738, test=-2623.508)
total time= 1.1s
[CV 1/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2240.381, test=-2449.516)
total time= 2.2s
[CV 3/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2172.400, test=-2754.853)
total time= 2.2s
[CV 1/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1856.441, test=-2456.385)

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total time= 5.5s
[CV 4/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1922.630, test=-2575.075)
total time= 5.8s
[CV 2/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1512.872, test=-2456.619)
total time= 11.7s
[CV 5/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1439.878, test=-2790.372)
total time= 11.6s
[CV 1/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-753.325, test=-2545.129)
total time= 29.2s
[CV 4/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-332.789, test=-2750.571)
total time= 59.7s
[CV 2/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-711.963, test=-2603.919)
total time= 29.0s
[CV 5/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-234.941, test=-2882.847)
total time= 57.9s
[CV 4/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-675.769, test=-2759.289)
total time= 28.9s
[CV 3/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2367.531, test=-2806.758)
total time= 1.1s
[CV 5/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 5/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2412.999, test=-2790.614)
total time= 1.1s
[CV 2/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2266.515, test=-2370.660)
total time= 2.2s
[CV 4/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2236.111, test=-2592.851)
total time= 2.2s
[CV 2/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1868.236, test=-2424.172)
total time= 5.6s
[CV 5/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1802.563, test=-2744.807)
total time= 5.7s
[CV 3/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1447.532, test=-2800.939)
total time= 11.6s
[CV 1/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-892.811, test=-2592.993)
total time= 23.0s
[CV 4/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-675.769, test=-2755.970)
total time= 28.5s
[CV 4/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2452.124, test=-2614.794)
total time= 1.1s
[CV 1/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2272.576, test=-2464.769)
total time= 2.2s

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[CV 3/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2199.114, test=-2771.402)
total time= 2.1s
[CV 3/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2367.531, test=-2806.502)
total time= 1.1s
[CV 4/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2437.550, test=-2624.693)
total time= 1.1s
[CV 1/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2261.299, test=-2459.478)
total time= 2.2s
[CV 3/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2155.850, test=-2778.243)
total time= 2.2s
[CV 5/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2232.215, test=-2743.606)
total time= 2.3s
[CV 3/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1808.128, test=-2776.079)
total time= 5.5s
[CV 1/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1390.124, test=-2533.077)
total time= 10.9s
[CV 4/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1379.113, test=-2674.700)
total time= 11.2s
[CV 2/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-884.410, test=-2588.026)
total time= 23.2s

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[CV 5/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-624.566, test=-2857.512)
total time= 28.7s
[CV 1/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1893.031, test=-2477.603)
total time= 5.6s
[CV 4/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1880.287, test=-2591.159)
total time= 5.6s
[CV 2/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1451.942, test=-2514.211)
total time= 11.3s
[CV 5/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1368.716, test=-2792.635)
total time= 11.4s
[CV 1/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-705.635, test=-2611.228)
total time= 28.4s
[CV 4/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-265.161, test=-2800.330)
total time= 57.7s
[CV 2/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-726.780, test=-2610.099)
total time= 28.4s
[CV 5/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-234.941, test=-2886.850)
total time= 57.4s
[CV 3/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250;; score=(train=-790.378, test=-2955.477)
total time= 28.8s
[CV 1/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2480.019, test=-2499.035)
total time= 1.1s
[CV 2/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2514.238, test=-2380.296)
total time= 1.1s
[CV 3/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2408.367, test=-2809.484)
total time= 1.1s
[CV 5/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2438.360, test=-2778.646)
total time= 1.2s
[CV 2/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2328.963, test=-2356.439)
total time= 2.2s
[CV 4/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2298.889, test=-2587.655)
total time= 2.2s
[CV 2/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1974.508, test=-2381.044)
total time= 5.5s
[CV 5/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1914.082, test=-2741.677)
total time= 5.6s
[CV 3/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1504.790, test=-2821.485)
total time= 11.0s
[CV 1/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200
[CV 1/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1026.490, test=-2573.735)
total time= 22.3s
[CV 3/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2136.883, test=-2771.565)
total time= 2.2s
[CV 5/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2214.277, test=-2755.292)
total time= 2.3s
[CV 3/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1743.815, test=-2765.039)
total time= 5.6s
[CV 1/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1327.760, test=-2504.822)
total time= 11.5s
[CV 4/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1439.856, test=-2622.025)
total time= 11.7s
[CV 2/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-865.215, test=-2546.227)
total time= 23.7s
[CV 5/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-604.802, test=-2874.548)
total time= 29.4s
[CV 5/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2221.501, test=-2760.989)
total time= 2.3s
[CV 3/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1827.976, test=-2738.599)
total time= 5.6s
[CV 1/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100
[CV 1/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1453.074, test=-2498.790)
total time= 11.5s
[CV 4/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1546.135, test=-2629.186)
total time= 11.7s
[CV 4/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1002.898, test=-2663.824)
total time= 23.6s
[CV 2/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-299.974, test=-2592.472)
total time= 58.5s
[CV 4/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-809.955, test=-2726.898)
total time= 22.9s
[CV 2/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-231.617, test=-2671.953)
total time= 57.6s
[CV 3/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-882.349, test=-2904.060)
total time= 23.1s
[CV 2/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-212.300, test=-2667.606)
total time= 57.5s
[CV 2/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-879.132, test=-2600.118)
total time= 22.8s
[CV 5/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-624.566, test=-2853.993)

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total time= 28.4s
[CV 5/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2241.232, test=-2736.308)
total time= 2.3s
[CV 3/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1836.279, test=-2803.719)
total time= 5.4s
[CV 1/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1488.871, test=-2533.605)
total time= 11.5s
[CV 4/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1466.676, test=-2631.332)
total time= 11.3s
[CV 5/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-946.471, test=-2832.666)
total time= 22.6s
[CV 3/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-299.521, test=-3015.051)
total time= 57.3s
[CV 4/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1113.491, test=-2683.572)
total time= 22.7s
[CV 1/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-380.924, test=-2664.030)
total time= 56.4s
[CV 2/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-996.516, test=-2544.457)
total time= 22.2s
[CV 5/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

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[CV 5/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-820.017, test=-2853.258)
total time= 28.2s

[CV 1/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2159.185, test=-2459.196)
total time= 2.2s

[CV 4/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 4/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2200.011, test=-2601.570)
total time= 2.3s

[CV 2/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 2/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1766.031, test=-2446.997)
total time= 5.6s

[CV 5/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 5/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1716.473, test=-2795.256)
total time= 5.7s

[CV 3/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 3/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1159.819, test=-2812.800)
total time= 11.4s

[CV 4/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 4/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-586.885, test=-2749.539)
total time= 23.5s

[CV 2/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 2/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-103.757, test=-2659.122)
total time= 58.8s

[CV 5/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 5/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-540.279, test=-2917.342)
total time= 23.4s

[CV 3/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 3/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-82.590, test=-2920.352)
total time= 58.7s

[CV 5/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 5/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-771.070, test=-2870.847)
total time= 23.5s

[CV 3/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 3/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-165.481, test=-2979.718)
total time= 58.1s

[CV 3/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 3/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-925.531, test=-2895.930)
total time= 23.3s

[CV 1/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-313.639, test=-2590.002)
total time= 58.5s

[CV 3/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 3/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-882.349, test=-2902.202)
total time= 23.2s

[CV 1/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 1/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-271.013, test=-2658.873)
total time= 57.9s

[CV 2/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 2/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-911.804, test=-2595.879)
total time= 22.9s

[CV 1/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 1/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-297.171, test=-2652.487)
total time= 58.2s

[CV 4/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 4/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-839.212, test=-2729.860)
total time= 22.8s

[CV 2/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 2/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-259.345, test=-2673.815)
total time= 57.9s

[CV 2/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 2/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-977.153, test=-2553.268) total time= 22.8s
[CV 5/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 5/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-739.062, test=-2823.992) total time= 28.7s
[CV 5/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 5/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2264.481, test=-2737.360) total time= 2.3s
[CV 3/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 3/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-1923.715, test=-2764.288) total time= 5.5s
[CV 1/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 1/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-1534.929, test=-2519.784) total time= 11.1s
[CV 4/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 4/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-1616.343, test=-2610.129) total time= 11.3s
[CV 5/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 5/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-969.688, test=-2854.733) total time= 22.5s
[CV 3/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 3/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-438.217, test=-3006.921) total time= 57.3s
[CV 5/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 5/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-987.748, test=-2839.962) total time= 22.4s
[CV 3/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 3/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500;; score=(train=-401.637, test=-3025.416)
total time= 56.8s
[CV 1/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2468.143, test=-2498.772)
total time= 1.1s
[CV 2/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2509.115, test=-2390.722)
total time= 1.1s
[CV 3/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2389.669, test=-2804.124)
total time= 1.1s
[CV 5/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2420.969, test=-2788.041)
total time= 1.1s
[CV 2/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2304.366, test=-2365.809)
total time= 2.2s
[CV 4/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2257.537, test=-2580.484)
total time= 2.2s
[CV 2/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1960.383, test=-2398.210)
total time= 5.6s
[CV 5/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1833.634, test=-2755.926)
total time= 5.5s
[CV 3/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1486.110, test=-2830.815)
total time= 11.5s
[CV 1/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-999.262, test=-2595.651)
total time= 23.2s
[CV 4/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-775.762, test=-2716.097)
total time= 28.6s
[CV 4/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2468.415, test=-2629.565)
total time= 1.1s
[CV 1/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2296.883, test=-2456.903)
total time= 2.2s
[CV 3/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2226.100, test=-2780.470)
total time= 2.2s
[CV 1/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1982.999, test=-2476.022)
total time= 5.6s
[CV 4/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1973.498, test=-2580.564)
total time= 5.5s
[CV 2/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1570.318, test=-2459.083)
total time= 11.1s
[CV 5/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1487.207, test=-2779.000)
total time= 11.2s
[CV 1/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-845.340, test=-2597.412)
total time= 27.9s
[CV 4/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500
[CV 4/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-466.233, test=-2761.018)
total time= 56.8s
[CV 2/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-849.117, test=-2567.429)
total time= 27.7s
[CV 5/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-366.488, test=-2879.593)
total time= 55.9s
[CV 3/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-870.296, test=-2958.275)
total time= 28.2s
[CV 1/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2480.019, test=-2499.140)
total time= 1.1s
[CV 2/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2514.238, test=-2387.122)
total time= 1.1s
[CV 3/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2408.367, test=-2809.268)
total time= 1.1s
[CV 5/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2438.360, test=-2778.646)
total time= 1.2s
[CV 2/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2328.963, test=-2357.311)
total time= 2.2s
[CV 5/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2264.481, test=-2737.149)

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total time= 2.3s
[CV 3/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1447.532, test=-2804.444)
total time= 11.6s
[CV 1/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-892.811, test=-2595.946)
total time= 23.5s
[CV 4/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-675.769, test=-2752.270)
total time= 28.7s
[CV 4/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2437.550, test=-2624.730)
total time= 1.1s
[CV 1/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2261.299, test=-2458.554)
total time= 2.2s
[CV 3/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2155.850, test=-2777.145)
total time= 2.1s
[CV 5/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2232.215, test=-2744.285)
total time= 2.3s
[CV 3/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1808.128, test=-2775.482)
total time= 5.5s
[CV 1/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1380.652, test=-2519.263)
total time= 11.2s
[CV 4/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

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[CV 4/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1392.966, test=-2676.093)
total time= 11.3s

[CV 4/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 4/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-809.955, test=-2726.694)
total time= 22.7s

[CV 5/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 5/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-624.566, test=-2857.520)
total time= 28.8s

[CV 5/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 5/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2232.215, test=-2743.232)
total time= 2.3s

[CV 3/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 3/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1808.128, test=-2776.837)
total time= 5.6s

[CV 1/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 1/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1389.270, test=-2531.126)
total time= 11.5s

[CV 4/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 4/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1392.966, test=-2675.613)
total time= 11.2s

[CV 5/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 5/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-800.277, test=-2839.201)
total time= 22.5s

[CV 3/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 3/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-212.635, test=-2965.450)
total time= 57.5s

[CV 4/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 4/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-920.983, test=-2692.108)
total time= 22.4s

[CV 1/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 1/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-344.729, test=-2661.813) total time= 57.7s
[CV 3/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 3/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1062.927, test=-2911.089) total time= 22.8s
[CV 2/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 2/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-413.279, test=-2619.245) total time= 56.4s
[CV 3/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 3/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1062.927, test=-2911.098) total time= 22.6s
[CV 1/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 1/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-380.924, test=-2664.080) total time= 56.0s
[CV 2/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 2/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-990.220, test=-2545.786) total time= 21.8s
[CV 5/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 5/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-820.017, test=-2858.694) total time= 28.2s
[CV 4/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 4/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2298.889, test=-2587.985) total time= 2.2s
[CV 2/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 2/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1974.423, test=-2382.635) total time= 5.5s
[CV 5/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 3/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250
[CV 3/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-870.296, test=-2962.471)
total time= 28.4s
[CV 1/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2480.019, test=-2498.779)
total time= 1.1s
[CV 3/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2408.367, test=-2809.268)
total time= 1.1s
[CV 5/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2438.360, test=-2778.646)
total time= 1.2s
[CV 2/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2328.963, test=-2357.819)
total time= 2.2s
[CV 4/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2298.889, test=-2587.825)
total time= 2.2s
[CV 2/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1974.422, test=-2385.213)
total time= 5.4s
[CV 5/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1914.082, test=-2743.170)
total time= 5.6s
[CV 3/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1504.790, test=-2822.740)
total time= 11.0s
[CV 1/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1026.490, test=-2578.835)

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total time= 22.2s
[CV 4/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-970.747, test=-2700.789)
total time= 28.4s
[CV 3/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2408.367, test=-2809.484)
total time= 1.1s
[CV 5/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2438.360, test=-2778.646)
total time= 1.1s
[CV 2/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2328.963, test=-2350.980)
total time= 2.2s
[CV 4/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2298.889, test=-2587.831)
total time= 2.2s
[CV 2/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1974.422, test=-2386.194)
total time= 5.4s
[CV 5/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1914.082, test=-2742.491)
total time= 5.6s
[CV 3/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1504.790, test=-2821.164)
total time= 11.0s
[CV 1/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1026.490, test=-2575.746)
total time= 22.4s
[CV 4/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 4/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-970.747, test=-2699.783)
total time= 28.3s
[CV 4/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2468.415, test=-2629.546)
total time= 1.1s
[CV 1/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2296.883, test=-2455.885)
total time= 2.2s
[CV 3/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2226.100, test=-2781.102)
total time= 2.1s
[CV 1/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1982.999, test=-2475.923)
total time= 5.5s
[CV 4/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1973.498, test=-2581.590)
total time= 5.4s
[CV 2/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1580.783, test=-2452.874)
total time= 11.0s
[CV 5/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1492.994, test=-2783.615)
total time= 11.0s
[CV 1/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-862.919, test=-2602.078)
total time= 27.8s
[CV 4/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=20;; score=(train=-2155.850, test=-2775.459)
total time= 2.1s
[CV 1/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1893.031, test=-2480.159)
total time= 5.5s
[CV 4/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1880.287, test=-2591.631)
total time= 5.6s
[CV 2/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1451.943, test=-2514.239)
total time= 11.3s
[CV 5/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1368.716, test=-2793.554)
total time= 11.5s
[CV 1/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-683.539, test=-2639.736)
total time= 28.9s
[CV 4/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-265.161, test=-2798.924)
total time= 58.1s
[CV 2/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-750.414, test=-2578.796)
total time= 28.3s
[CV 5/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-321.399, test=-2880.082)
total time= 57.6s
[CV 4/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-970.747, test=-2702.023)
total time= 28.4s
[CV 2/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10
[CV 2/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2514.238, test=-2382.526)
total time= 1.1s
[CV 4/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2468.415, test=-2629.583)
total time= 1.1s
[CV 1/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2296.883, test=-2456.819)
total time= 2.2s
[CV 3/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2226.100, test=-2781.102)
total time= 2.1s
[CV 1/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1982.999, test=-2476.334)
total time= 5.4s
[CV 4/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1973.498, test=-2581.307)
total time= 5.4s
[CV 2/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1570.318, test=-2452.542)
total time= 11.0s
[CV 5/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1487.207, test=-2778.756)
total time= 11.0s
[CV 1/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-858.332, test=-2592.522)
total time= 27.7s
[CV 4/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-466.233, test=-2764.430)

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total time= 56.6s
[CV 2/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-855.189, test=-2559.046)
total time= 28.1s
[CV 5/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-370.598, test=-2898.767)
total time= 56.8s
[CV 3/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-902.988, test=-2928.387)
total time= 28.5s
[CV 1/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2486.356, test=-2487.369)
total time= 1.1s
[CV 2/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2528.168, test=-2381.553)
total time= 1.1s
[CV 4/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2474.834, test=-2628.238)
total time= 1.1s
[CV 1/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2302.038, test=-2450.373)
total time= 2.1s
[CV 3/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2255.328, test=-2761.200)
total time= 2.1s
[CV 1/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1932.206, test=-2475.791)
total time= 5.6s

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[CV 4/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1927.425, test=-2595.040)
total time= 5.6s
[CV 2/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1571.367, test=-2478.985)
total time= 11.8s
[CV 5/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1396.678, test=-2778.570)
total time= 11.0s
[CV 1/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-774.698, test=-2611.206)
total time= 28.3s
[CV 4/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-379.551, test=-2766.224)
total time= 57.7s
[CV 2/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-836.980, test=-2577.513)
total time= 27.9s
[CV 5/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-366.488, test=-2879.820)
total time= 56.2s
[CV 3/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-870.296, test=-2959.409)
total time= 28.2s
[CV 1/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2480.019, test=-2498.893)
total time= 1.1s
[CV 2/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10;; score=(train=-2514.238, test=-2386.996)
total time= 1.1s
[CV 4/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2468.415, test=-2629.487)
total time= 1.1s
[CV 1/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2296.883, test=-2456.568)
total time= 2.2s
[CV 3/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2226.100, test=-2780.232)
total time= 2.1s
[CV 1/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1982.999, test=-2474.437)
total time= 5.5s
[CV 4/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1973.498, test=-2580.558)
total time= 5.5s
[CV 2/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1572.646, test=-2448.212)
total time= 11.1s
[CV 5/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1487.207, test=-2780.192)
total time= 11.1s
[CV 1/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-858.332, test=-2590.642)
total time= 27.8s
[CV 4/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-466.233, test=-2761.623)
total time= 56.5s
[CV 2/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250
[CV 2/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-814.227, test=-2564.851)
total time= 27.7s
[CV 5/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-366.488, test=-2879.852)
total time= 56.5s
[CV 3/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-993.320, test=-2920.445)
total time= 28.0s
[CV 1/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2486.356, test=-2488.415)
total time= 1.1s
[CV 2/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2528.168, test=-2386.430)
total time= 1.1s
[CV 4/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2474.834, test=-2628.164)
total time= 1.1s
[CV 1/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2302.038, test=-2449.887)
total time= 2.1s
[CV 3/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2255.328, test=-2761.590)
total time= 2.1s
[CV 1/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1914.082, test=-2741.029)
total time= 5.6s
[CV 3/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1504.790, test=-2822.727)

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total time= 11.1s
[CV 1/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1034.977, test=-2577.398)
total time= 22.5s
[CV 4/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-970.747, test=-2700.913)
total time= 28.7s
[CV 3/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2425.641, test=-2804.236)
total time= 1.1s
[CV 5/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2436.372, test=-2779.354)
total time= 1.1s
[CV 2/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2354.919, test=-2345.753)
total time= 2.2s
[CV 4/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2303.035, test=-2590.017)
total time= 2.1s
[CV 2/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2063.953, test=-2394.400)
total time= 5.5s
[CV 5/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1953.872, test=-2721.076)
total time= 5.5s
[CV 3/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1639.762, test=-2807.997)
total time= 11.1s
[CV 1/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

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[CV 1/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1141.669, test=-2587.037)
total time= 22.0s
[CV 4/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1013.329, test=-2728.570)
total time= 27.7s
[CV 3/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2425.641, test=-2803.821)
total time= 1.1s
[CV 5/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2436.372, test=-2779.354)
total time= 1.1s
[CV 2/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2354.919, test=-2351.518)
total time= 2.1s
[CV 4/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2303.035, test=-2590.362)
total time= 2.1s
[CV 2/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2063.953, test=-2396.016)
total time= 5.5s
[CV 5/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1953.872, test=-2721.257)
total time= 5.5s
[CV 3/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1635.957, test=-2813.340)
total time= 11.1s
[CV 1/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1141.669, test=-2587.241)
total time= 22.1s

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[CV 4/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=5, n_estimators=250
 [CV 4/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=5, n_estimators=250;; score=(train=-1013.329, test=-2728.139)
 total time= 28.0s
 [CV 3/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=10
 [CV 3/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=10;; score=(train=-2425.641, test=-2804.236)
 total time= 1.1s
 [CV 5/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=10
 [CV 5/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=10;; score=(train=-2436.372, test=-2779.354)
 total time= 1.1s
 [CV 2/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=20
 [CV 2/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=20;; score=(train=-2354.919, test=-2349.047)
 total time= 2.2s
 [CV 5/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=20
 [CV 5/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=20;; score=(train=-2276.046, test=-2723.101)
 total time= 2.2s
 [CV 3/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=50
 [CV 3/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=50;; score=(train=-1978.490, test=-2758.284)
 total time= 5.5s
 [CV 1/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100
 [CV 1/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100;; score=(train=-1609.704, test=-2498.963)
 total time= 10.9s
 [CV 4/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100
 [CV 4/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100;; score=(train=-1652.335, test=-2640.271)
 total time= 11.0s
 [CV 5/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200
 [CV 5/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200;; score=(train=-969.688, test=-2850.956)
 total time= 22.3s
 [CV 2/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=500
 [CV 2/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500;; score=(train=-406.164, test=-2593.127)
total time= 55.7s
[CV 2/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-990.220, test=-2544.465)
total time= 21.7s
[CV 5/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-823.683, test=-2868.771)
total time= 28.3s
[CV 5/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2276.046, test=-2722.809)
total time= 2.2s
[CV 3/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1982.677, test=-2759.887)
total time= 5.4s
[CV 1/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1609.704, test=-2503.196)
total time= 10.8s
[CV 4/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1652.335, test=-2639.762)
total time= 11.0s
[CV 4/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1177.983, test=-2709.652)
total time= 21.9s
[CV 1/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-465.855, test=-2668.806)
total time= 55.5s
[CV 2/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1166.540, test=-2564.713)
total time= 22.1s
[CV 5/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 5/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-933.179, test=-2844.791)
total time= 27.8s
[CV 4/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2303.035, test=-2589.986)
total time= 2.1s
[CV 2/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2063.953, test=-2396.253)
total time= 5.5s
[CV 5/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1953.872, test=-2719.681)
total time= 5.5s
[CV 3/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1635.957, test=-2816.305)
total time= 11.0s
[CV 1/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1141.669, test=-2587.685)
total time= 21.9s
[CV 4/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1013.329, test=-2729.019)
total time= 27.7s
[CV 2/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2528.168, test=-2381.609)
total time= 1.2s
[CV 5/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2436.372, test=-2779.354)
total time= 1.1s
[CV 2/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2354.919, test=-2345.432)

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total time= 2.2s
[CV 4/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2303.035, test=-2590.146)
total time= 2.1s
[CV 2/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2063.953, test=-2393.739)
total time= 5.5s
[CV 5/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1953.872, test=-2721.573)
total time= 5.4s
[CV 3/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1621.842, test=-2814.752)
total time= 11.1s
[CV 1/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1141.669, test=-2586.170)
total time= 22.2s
[CV 4/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1013.329, test=-2729.290)
total time= 27.8s
[CV 2/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2592.448, test=-2345.648)
total time= 0.5s
[CV 5/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-800.277, test=-2842.920)
total time= 22.8s
[CV 3/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-229.851, test=-2989.292)
total time= 57.4s
[CV 5/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 5/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=5, n_estimators=200;; score=(train=-800.277, test=-2841.787)
 total time= 23.0s
 [CV 3/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=5, n_estimators=500
 [CV 3/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=5, n_estimators=500;; score=(train=-212.635, test=-2962.741)
 total time= 57.4s
 [CV 3/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=200
 [CV 3/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=200;; score=(train=-882.349, test=-2901.652)
 total time= 23.1s
 [CV 1/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=500
 [CV 1/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=500;; score=(train=-273.873, test=-2654.227)
 total time= 58.4s
 [CV 3/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=15, n_estimators=200
 [CV 3/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=15, n_estimators=200;; score=(train=-971.246, test=-2922.273)
 total time= 22.8s
 [CV 2/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=15, n_estimators=500
 [CV 2/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=15, n_estimators=500;; score=(train=-301.128, test=-2632.558)
 total time= 57.2s
 [CV 2/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=2, n_estimators=200
 [CV 2/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=2, n_estimators=200;; score=(train=-1053.979, test=-2534.962)
 total time= 22.5s
 [CV 5/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250
 [CV 5/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250;; score=(train=-823.683, test=-2870.965)
 total time= 28.1s
 [CV 5/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=20
 [CV 5/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=20;; score=(train=-2264.481, test=-2737.821)
 total time= 2.3s
 [CV 3/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=50
 [CV 3/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=50;; score=(train=-1923.715, test=-2763.227)
 total time= 5.4s

[CV 1/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=100
 [CV 1/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=100;; score=(train=-1534.929, test=-2520.112)
 total time= 11.0s
 [CV 4/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=100
 [CV 4/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=100;; score=(train=-1616.343, test=-2611.956)
 total time= 11.2s
 [CV 4/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=200
 [CV 4/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=200;; score=(train=-1113.491, test=-2682.333)
 total time= 22.6s
 [CV 2/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=500
 [CV 2/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=500;; score=(train=-368.458, test=-2619.356)
 total time= 56.0s
 [CV 3/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200
 [CV 3/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200;; score=(train=-1062.927, test=-2914.045)
 total time= 22.5s
 [CV 1/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=500
 [CV 1/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=500;; score=(train=-423.831, test=-2654.665)
 total time= 57.2s
 [CV 4/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200
 [CV 4/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200;; score=(train=-1113.491, test=-2686.077)
 total time= 22.7s
 [CV 3/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=500
 [CV 3/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=500;; score=(train=-401.637, test=-3023.139)
 total time= 57.0s
 [CV 5/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=200
 [CV 5/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=200;; score=(train=-1083.168, test=-2833.451)
 total time= 22.3s
 [CV 3/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=500
 [CV 3/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500;; score=(train=-544.990, test=-2996.618)
total time= 56.7s
[CV 5/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1083.168, test=-2829.215)
total time= 22.3s
[CV 3/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-507.574, test=-3005.717)
total time= 55.9s
[CV 5/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1083.168, test=-2832.106)
total time= 22.2s
[CV 3/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-544.990, test=-2995.518)
total time= 56.9s
[CV 5/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1083.168, test=-2831.540)
total time= 22.3s
[CV 3/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-500.451, test=-2977.291)
total time= 55.9s
[CV 5/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2264.481, test=-2738.150)
total time= 2.3s
[CV 3/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1923.715, test=-2764.441)
total time= 5.4s
[CV 1/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1534.929, test=-2520.409)

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total time= 11.1s
[CV 4/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1616.343, test=-2611.783)
total time= 11.7s
[CV 4/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1113.491, test=-2681.346)
total time= 22.7s
[CV 3/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-401.637, test=-3021.050)
total time= 56.2s
[CV 5/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-987.748, test=-2841.700)
total time= 22.2s
[CV 2/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-368.458, test=-2622.342)
total time= 56.2s
[CV 3/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1158.705, test=-2895.571)
total time= 22.5s
[CV 2/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-501.157, test=-2671.428)
total time= 55.6s
[CV 3/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1158.705, test=-2898.266)
total time= 22.3s
[CV 1/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-465.855, test=-2668.419)
total time= 55.6s
[CV 2/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

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[CV 2/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1166.540, test=-2564.460)
total time= 22.2s
[CV 5/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-933.179, test=-2844.686)
total time= 27.9s
[CV 5/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2276.046, test=-2723.361)
total time= 2.2s
[CV 3/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1982.061, test=-2766.619)
total time= 5.4s
[CV 1/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1609.704, test=-2502.997)
total time= 10.8s
[CV 4/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1652.335, test=-2639.562)
total time= 11.2s
[CV 4/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1177.983, test=-2707.834)
total time= 22.3s
[CV 2/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-501.157, test=-2665.962)
total time= 55.6s
[CV 3/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1796.040, test=-2897.130)
total time= 12.5s
[CV 1/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2564.192, test=-2444.490)
total time= 0.5s

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[CV 2/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10
 [CV 2/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10;; score=(train=-2592.448, test=-2341.464)
 total time= 0.5s
 [CV 3/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10
 [CV 3/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
 total time= 0.5s
 [CV 5/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10
 [CV 5/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10;; score=(train=-2493.099, test=-2748.753)
 total time= 0.5s
 [CV 2/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20
 [CV 2/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20;; score=(train=-2518.900, test=-2312.706)
 total time= 1.0s
 [CV 5/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20
 [CV 5/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20;; score=(train=-2421.719, test=-2713.565)
 total time= 1.0s
 [CV 3/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 3/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50;; score=(train=-2313.060, test=-2755.781)
 total time= 2.5s
 [CV 1/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100
 [CV 4/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=500;; score=(train=-466.233, test=-2761.968)
 total time= 57.0s
 [CV 2/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=250
 [CV 2/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=250;; score=(train=-999.109, test=-2591.691)
 total time= 27.6s
 [CV 5/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=500
 [CV 5/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=2, n_estimators=500;; score=(train=-494.598, test=-2892.055)
 total time= 56.3s
 [CV 3/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
 min_samples_split=5, n_estimators=250
 [CV 3/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,


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min_samples_split=5, n_estimators=250;; score=(train=-974.878, test=-2915.787)
total time= 27.8s
[CV 1/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2486.356, test=-2487.217)
total time= 1.1s
[CV 2/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2528.168, test=-2386.846)
total time= 1.1s
[CV 4/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2474.834, test=-2628.321)
total time= 1.1s
[CV 1/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2302.038, test=-2450.440)
total time= 2.1s
[CV 3/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2255.328, test=-2761.175)
total time= 2.1s
[CV 1/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1977.028, test=-2464.027)
total time= 5.3s
[CV 4/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2013.097, test=-2581.012)
total time= 5.3s
[CV 2/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1718.323, test=-2497.008)
total time= 11.0s
[CV 5/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1547.383, test=-2790.841)
total time= 10.8s
[CV 1/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=250
[CV 1/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-955.917, test=-2614.370)
total time= 27.1s
[CV 4/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-539.389, test=-2792.497)
total time= 56.1s
[CV 2/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-999.109, test=-2587.162)
total time= 27.8s
[CV 5/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-494.598, test=-2894.087)
total time= 56.5s
[CV 4/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2465.869, test=-2561.016)
total time= 1.0s
[CV 2/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2394.367, test=-2351.617)
total time= 2.5s
[CV 5/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2301.977, test=-2719.808)
total time= 2.5s
[CV 3/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2160.790, test=-2797.119)
total time= 4.9s
[CV 1/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1899.062, test=-2447.226)
total time= 9.8s
[CV 3/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1805.032, test=-2889.176)

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total time= 12.3s
[CV 1/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2564.192, test=-2444.490)
total time= 0.5s
[CV 2/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2592.448, test=-2340.782)
total time= 0.5s
[CV 4/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 1/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2490.266, test=-2411.125)
total time= 1.0s
[CV 4/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2467.561, test=-2555.966)
total time= 1.0s
[CV 2/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1923.715, test=-2763.541)
total time= 5.5s
[CV 1/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1534.929, test=-2521.660)
total time= 11.1s
[CV 4/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1616.343, test=-2609.873)
total time= 11.3s
[CV 3/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1062.927, test=-2912.457)
total time= 22.7s

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[CV 1/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 1/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-380.924, test=-2666.524) total time= 56.4s

[CV 2/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 2/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-1166.540, test=-2564.647) total time= 22.1s

[CV 5/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 5/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-933.179, test=-2846.855) total time= 27.8s

[CV 5/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 5/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2276.046, test=-2723.083) total time= 2.2s

[CV 3/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 3/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=50;; score=(train=-1982.061, test=-2765.601) total time= 5.4s

[CV 1/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 1/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-1609.704, test=-2503.595) total time= 10.9s

[CV 4/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 4/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-1652.335, test=-2638.844) total time= 11.0s

[CV 4/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 4/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1177.983, test=-2708.524) total time= 22.0s

[CV 2/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 2/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-501.157, test=-2667.055) total time= 55.5s

[CV 3/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 3/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200;; score=(train=-1158.705, test=-2896.299)
total time= 22.4s
[CV 1/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-465.855, test=-2669.100)
total time= 55.2s
[CV 2/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1166.540, test=-2565.456)
total time= 22.3s
[CV 5/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-933.179, test=-2845.439)
total time= 28.0s
[CV 3/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2313.669, test=-2759.268)
total time= 2.5s
[CV 1/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2178.907, test=-2433.112)
total time= 5.0s
[CV 4/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2210.100, test=-2586.306)
total time= 5.0s
[CV 2/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1973.694, test=-2492.935)
total time= 10.0s
[CV 5/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1871.080, test=-2776.141)
total time= 10.1s
[CV 1/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1386.531, test=-2527.226)
total time= 24.5s
[CV 2/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200
[CV 2/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1971.205, test=-2498.581)
total time= 9.7s
[CV 5/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1767.640, test=-2790.001)
total time= 12.1s
[CV 3/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2426.367, test=-2743.846)
total time= 1.0s
[CV 1/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2370.947, test=-2413.546)
total time= 2.4s
[CV 4/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2374.137, test=-2552.813)
total time= 2.5s
[CV 1/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1984.359, test=-2465.629)
total time= 5.4s
[CV 4/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2013.097, test=-2580.191)
total time= 5.4s
[CV 2/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1718.323, test=-2494.227)
total time= 11.2s
[CV 5/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1547.383, test=-2790.754)
total time= 10.9s
[CV 1/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-955.917, test=-2616.781)
total time= 27.5s
[CV 4/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500
[CV 4/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-539.389, test=-2793.579)
total time= 55.8s
[CV 2/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-999.109, test=-2588.740)
total time= 27.7s
[CV 5/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-494.598, test=-2895.403)
total time= 56.1s
[CV 3/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-993.320, test=-2919.229)
total time= 27.8s
[CV 1/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2486.356, test=-2487.689)
total time= 1.1s
[CV 3/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2425.641, test=-2804.351)
total time= 1.1s
[CV 4/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2474.834, test=-2628.230)
total time= 1.1s
[CV 1/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2302.038, test=-2451.013)
total time= 2.1s
[CV 3/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2255.328, test=-2761.421)
total time= 2.1s
[CV 1/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1984.359, test=-2463.624)

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total time= 5.3s
[CV 4/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2013.097, test=-2579.812)
total time= 5.4s
[CV 2/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1718.323, test=-2498.370)
total time= 11.0s
[CV 5/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1547.383, test=-2791.848)
total time= 10.9s
[CV 1/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-955.917, test=-2613.475)
total time= 27.5s
[CV 4/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-539.389, test=-2793.796)
total time= 55.8s
[CV 3/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1406.818, test=-3015.080)
total time= 24.7s
[CV 1/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1797.424, test=-2455.658)
total time= 12.3s
[CV 4/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1399.554, test=-2700.003)
total time= 24.7s
[CV 2/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1910.026, test=-2510.429)
total time= 12.4s
[CV 5/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

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[CV 5/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1382.228, test=-2842.781)
total time= 24.5s

[CV 4/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1882.857, test=-2614.380)
total time= 12.2s

[CV 4/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 4/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s

[CV 2/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 2/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2518.027, test=-2311.896)
total time= 1.0s

[CV 5/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 4/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 4/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s

[CV 1/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 1/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2489.141, test=-2410.440)
total time= 1.0s

[CV 3/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 3/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2424.479, test=-2744.229)
total time= 1.0s

[CV 5/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 5/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2421.719, test=-2713.033)
total time= 1.0s

[CV 2/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 2/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2393.503, test=-2349.657)
total time= 2.5s

[CV 5/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 5/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50;; score=(train=-2303.464, test=-2712.647)
total time= 2.5s
[CV 3/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2152.185, test=-2807.035)
total time= 5.0s
[CV 1/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1896.169, test=-2460.926)
total time= 9.8s
[CV 4/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1921.496, test=-2644.352)
total time= 9.8s
[CV 4/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1819.954, test=-2653.906)
total time= 12.2s
[CV 5/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1359.395, test=-2853.164)
total time= 24.5s
[CV 4/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1833.035, test=-2641.394)
total time= 12.2s
[CV 3/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 5/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2493.661, test=-2748.672)
total time= 0.5s
[CV 2/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2518.902, test=-2312.494)
total time= 1.0s
[CV 5/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20
[CV 5/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2422.756, test=-2713.545)
total time= 1.0s
[CV 3/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2315.568, test=-2754.187)
total time= 2.5s
[CV 1/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2196.239, test=-2428.839)
total time= 4.9s
[CV 4/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2241.005, test=-2579.536)
total time= 4.9s
[CV 3/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1926.692, test=-2843.862)
total time= 9.8s
[CV 1/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1415.897, test=-2537.472)
total time= 24.5s
[CV 2/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2015.880, test=-2474.811)
total time= 9.9s
[CV 5/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1814.778, test=-2781.184)
total time= 12.3s
[CV 5/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2500.867, test=-2733.819)
total time= 0.5s
[CV 3/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2425.626, test=-2743.212)

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total time= 1.0s
[CV 1/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2387.277, test=-2407.548)
total time= 2.4s
[CV 4/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2357.163, test=-2555.328)
total time= 2.5s
[CV 2/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2235.146, test=-2401.694)
total time= 4.9s
[CV 1/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1984.359, test=-2465.335)
total time= 5.3s
[CV 4/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2013.097, test=-2579.733)
total time= 5.4s
[CV 2/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1718.323, test=-2497.075)
total time= 11.1s
[CV 5/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1547.383, test=-2790.411)
total time= 11.0s
[CV 1/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-955.917, test=-2612.256)
total time= 27.6s
[CV 4/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-539.389, test=-2795.628)
total time= 56.3s
[CV 2/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-999.109, test=-2594.255)

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total time= 27.8s
[CV 5/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-494.598, test=-2893.797)
total time= 56.7s
[CV 3/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-993.320, test=-2920.929)
total time= 28.2s
[CV 1/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2564.192, test=-2444.490)
total time= 0.5s
[CV 3/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 5/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2493.099, test=-2748.753)
total time= 0.5s
[CV 2/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2518.900, test=-2312.495)
total time= 1.0s
[CV 4/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2465.869, test=-2561.016)
total time= 1.0s
[CV 1/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2366.424, test=-2411.013)
total time= 2.5s
[CV 4/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2368.931, test=-2566.414)
total time= 2.6s
[CV 2/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

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[CV 2/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2239.505, test=-2416.225)
total time= 5.0s
[CV 5/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2127.481, test=-2747.522)
total time= 5.0s
[CV 3/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1905.574, test=-2861.605)
total time= 10.0s
[CV 1/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1790.797, test=-2462.774)
total time= 12.5s
[CV 2/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1413.335, test=-2657.695)
total time= 24.6s
[CV 5/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1884.732, test=-2772.862)
total time= 10.0s
[CV 3/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1407.166, test=-2980.020)
total time= 24.7s
[CV 1/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1829.496, test=-2475.208)
total time= 12.3s
[CV 4/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1454.121, test=-2700.412)
total time= 24.8s
[CV 2/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1919.726, test=-2503.403)
total time= 12.5s

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[CV 5/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 5/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-1449.661, test=-2841.946) total time= 24.5s

[CV 3/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 3/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-1836.502, test=-2854.752) total time= 12.2s

[CV 1/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 4/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 4/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1177.983, test=-2710.005) total time= 22.2s

[CV 2/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 2/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-501.157, test=-2664.961) total time= 55.0s

[CV 3/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 3/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-1158.705, test=-2895.746) total time= 22.2s

[CV 1/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 1/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-465.855, test=-2670.153) total time= 55.2s

[CV 2/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 2/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-1862.558, test=-2530.475) total time= 12.3s

[CV 4/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 4/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-1395.102, test=-2722.563) total time= 24.5s

[CV 2/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 2/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-1866.833, test=-2535.166) total time= 12.3s

[CV 5/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500
[CV 5/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1351.528, test=-2869.025)
total time= 24.4s
[CV 4/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1861.153, test=-2627.003)
total time= 12.3s
[CV 2/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2592.448, test=-2344.892)
total time= 0.5s
[CV 4/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 1/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2490.266, test=-2411.004)
total time= 1.0s
[CV 4/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2467.561, test=-2555.966)
total time= 1.0s
[CV 2/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2404.096, test=-2354.897)
total time= 2.5s
[CV 5/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2302.941, test=-2713.612)
total time= 2.5s
[CV 3/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2184.972, test=-2776.086)
total time= 5.0s
[CV 1/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1954.877, test=-2423.449)

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total time= 9.8s
[CV 3/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1867.979, test=-2824.651)
total time= 12.3s
[CV 1/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2571.740, test=-2442.857)
total time= 0.5s
[CV 2/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2592.448, test=-2344.232)
total time= 0.5s
[CV 3/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 1/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2499.611, test=-2400.428)
total time= 1.0s
[CV 4/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2464.606, test=-2555.428)
total time= 1.0s
[CV 2/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2391.192, test=-2346.221)
total time= 2.4s
[CV 5/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2313.110, test=-2687.012)
total time= 2.5s
[CV 3/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2167.377, test=-2793.716)
total time= 5.1s
[CV 1/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

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[CV 1/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1951.866, test=-2434.758)
total time= 9.6s

[CV 4/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 4/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1827.760, test=-2632.112)
total time= 12.1s

[CV 2/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2404.194, test=-2348.290)
total time= 2.5s

[CV 5/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 5/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2302.877, test=-2722.833)
total time= 2.5s

[CV 3/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 3/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2179.110, test=-2791.450)
total time= 4.9s

[CV 1/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 1/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1934.314, test=-2456.171)
total time= 9.7s

[CV 3/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 3/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1823.159, test=-2870.564)
total time= 12.3s

[CV 1/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 1/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2564.192, test=-2444.490)
total time= 0.5s

[CV 3/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 3/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s

[CV 5/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 5/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2493.661, test=-2748.672)
total time= 0.5s

[CV 3/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

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[CV 3/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2426.367, test=-2743.846)
total time= 1.0s
[CV 1/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2374.362, test=-2415.706)
total time= 2.4s
[CV 4/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2370.593, test=-2558.551)
total time= 2.5s
[CV 2/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2268.893, test=-2416.211)
total time= 4.6s
[CV 5/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2154.974, test=-2733.072)
total time= 5.0s
[CV 1/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1853.130, test=-2435.427)
total time= 12.4s
[CV 4/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1506.889, test=-2677.374)
total time= 24.7s
[CV 2/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1875.728, test=-2513.972)
total time= 12.1s
[CV 5/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1423.451, test=-2779.608)
total time= 24.1s
[CV 3/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1836.502, test=-2856.538)
total time= 12.1s

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[CV 1/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2571.740, test=-2442.805)
total time= 0.5s
[CV 2/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2592.448, test=-2344.903)
total time= 0.5s
[CV 3/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 4/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 5/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2500.867, test=-2733.819)
total time= 0.5s
[CV 2/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2518.027, test=-2310.093)
total time= 1.0s
[CV 4/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2464.606, test=-2555.428)
total time= 1.0s
[CV 2/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2391.192, test=-2349.122)
total time= 2.4s
[CV 5/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2313.110, test=-2685.288)
total time= 2.5s
[CV 3/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-2167.377, test=-2794.225)
total time= 4.9s
[CV 1/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1769.432, test=-2791.223)
total time= 12.3s
[CV 4/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 1/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2489.141, test=-2410.441)
total time= 1.0s
[CV 3/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2424.479, test=-2744.229)
total time= 1.0s
[CV 1/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2366.424, test=-2410.724)
total time= 2.5s
[CV 4/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2369.000, test=-2566.410)
total time= 2.5s
[CV 2/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2249.605, test=-2419.294)
total time= 5.0s
[CV 5/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2138.747, test=-2754.667)
total time= 4.9s
[CV 4/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1937.735, test=-2625.005)
total time= 9.7s
[CV 2/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500
[CV 2/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1429.921, test=-2634.441)
total time= 24.7s
[CV 4/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1963.385, test=-2611.172)
total time= 9.9s
[CV 2/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1479.190, test=-2625.800)
total time= 24.8s
[CV 5/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1902.983, test=-2763.828)
total time= 9.9s
[CV 3/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1486.063, test=-2952.811)
total time= 24.7s
[CV 4/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1948.048, test=-2610.208)
total time= 9.7s
[CV 1/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1489.278, test=-2492.338)
total time= 24.0s
[CV 2/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1981.187, test=-2482.852)
total time= 9.7s
[CV 5/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1797.641, test=-2735.877)
total time= 12.1s
[CV 5/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2428.208, test=-2689.275)

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total time= 1.0s
[CV 3/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2316.091, test=-2755.524)
total time= 2.4s
[CV 1/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2218.100, test=-2423.104)
total time= 4.8s
[CV 4/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2204.393, test=-2566.558)
total time= 4.8s
[CV 2/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1981.187, test=-2474.436)
total time= 9.8s
[CV 5/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1797.641, test=-2733.220)
total time= 12.1s
[CV 3/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2425.626, test=-2743.212)
total time= 1.0s
[CV 1/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2387.358, test=-2408.249)
total time= 2.4s
[CV 4/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2359.171, test=-2547.133)
total time= 2.4s
[CV 2/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2238.714, test=-2391.294)
total time= 4.9s
[CV 5/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

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[CV 1/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2571.740, test=-2442.805)
total time= 0.5s
[CV 2/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2592.448, test=-2340.782)
total time= 0.5s
[CV 3/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 4/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 1/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2499.611, test=-2400.461)
total time= 1.0s
[CV 3/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2425.626, test=-2743.212)
total time= 1.0s
[CV 1/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2387.277, test=-2406.970)
total time= 2.4s
[CV 4/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2357.163, test=-2554.750)
total time= 2.4s
[CV 2/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2235.146, test=-2408.141)
total time= 4.9s
[CV 5/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2152.410, test=-2705.702)
total time= 4.9s

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[CV 1/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1859.563, test=-2434.116)
total time= 12.1s
[CV 4/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1439.698, test=-2677.266)
total time= 24.1s
[CV 2/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1875.728, test=-2517.933)
total time= 12.1s
[CV 5/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1423.451, test=-2786.386)
total time= 24.2s
[CV 3/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1853.370, test=-2848.703)
total time= 12.3s
[CV 1/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2573.505, test=-2442.239)
total time= 0.5s
[CV 2/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2595.875, test=-2345.297)
total time= 0.5s
[CV 3/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 5/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2501.963, test=-2728.236)
total time= 0.5s
[CV 2/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=20;; score=(train=-2523.036, test=-2319.073)
total time= 1.0s
[CV 4/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2466.424, test=-2556.013)
total time= 1.0s
[CV 2/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2407.718, test=-2337.244)
total time= 2.4s
[CV 5/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2319.256, test=-2679.265)
total time= 2.4s
[CV 3/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2160.428, test=-2783.489)
total time= 4.8s
[CV 1/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2004.584, test=-2421.770)
total time= 9.6s
[CV 4/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1903.723, test=-2622.927)
total time= 12.1s
[CV 1/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2505.527, test=-2403.302)
total time= 1.0s
[CV 3/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2431.228, test=-2736.376)
total time= 1.0s
[CV 5/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2435.689, test=-2688.323)
total time= 1.0s
[CV 5/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=10
[CV 5/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2500.867, test=-2733.819)
total time= 0.5s
[CV 2/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2518.027, test=-2309.911)
total time= 1.0s
[CV 4/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2464.606, test=-2555.428)
total time= 1.0s
[CV 2/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2391.192, test=-2341.846)
total time= 2.4s
[CV 5/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2313.110, test=-2685.288)
total time= 2.4s
[CV 3/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2167.377, test=-2794.253)
total time= 4.9s
[CV 1/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1951.866, test=-2436.984)
total time= 9.7s
[CV 4/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1827.760, test=-2629.993)
total time= 12.1s
[CV 1/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2499.611, test=-2400.731)
total time= 1.0s
[CV 3/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2425.626, test=-2743.215)

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total time= 1.0s
[CV 1/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2387.277, test=-2406.970)
total time= 2.4s
[CV 4/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2357.163, test=-2555.196)
total time= 2.4s
[CV 2/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2235.146, test=-2410.549)
total time= 4.9s
[CV 5/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2152.410, test=-2705.155)
total time= 4.8s
[CV 1/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1859.563, test=-2433.306)
total time= 12.1s
[CV 4/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1464.106, test=-2686.005)
total time= 24.2s
[CV 2/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1894.910, test=-2490.220)
total time= 12.0s
[CV 5/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1456.630, test=-2791.426)
total time= 24.1s
[CV 3/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1844.552, test=-2848.062)
total time= 12.0s
[CV 1/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

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[CV 1/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2573.505, test=-2442.302)
total time= 0.5s
[CV 2/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2595.875, test=-2350.780)
total time= 0.5s
[CV 3/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 4/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2533.624, test=-2592.459)
total time= 0.5s
[CV 5/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2501.963, test=-2727.989)
total time= 0.5s
[CV 2/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2523.036, test=-2316.917)
total time= 1.0s
[CV 4/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2466.424, test=-2556.013)
total time= 1.0s
[CV 1/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2397.121, test=-2394.563)
total time= 2.5s
[CV 4/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2365.190, test=-2548.144)
total time= 2.5s
[CV 2/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2180.881, test=-2422.336)
total time= 4.9s

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[CV 4/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2215.985, test=-2588.962)
total time= 5.0s
[CV 3/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1902.970, test=-2852.798)
total time= 9.8s
[CV 1/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1371.948, test=-2500.346)
total time= 24.4s
[CV 2/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2015.042, test=-2484.259)
total time= 9.9s
[CV 5/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1775.520, test=-2772.418)
total time= 12.3s
[CV 2/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2518.902, test=-2313.844)
total time= 1.0s
[CV 5/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2421.673, test=-2713.728)
total time= 1.0s
[CV 3/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2324.001, test=-2747.232)
total time= 2.4s
[CV 1/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2215.292, test=-2425.937)
total time= 5.0s
[CV 4/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100;; score=(train=-2232.966, test=-2574.627)
total time= 4.9s
[CV 3/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1973.494, test=-2805.316)
total time= 9.9s
[CV 1/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1450.866, test=-2494.062)
total time= 24.4s
[CV 2/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1981.187, test=-2482.207)
total time= 9.9s
[CV 5/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1797.641, test=-2733.921)
total time= 12.4s
[CV 5/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2428.208, test=-2689.275)
total time= 1.0s
[CV 3/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2316.092, test=-2756.092)
total time= 2.5s
[CV 1/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2218.100, test=-2422.101)
total time= 4.9s
[CV 4/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2204.393, test=-2566.784)
total time= 5.0s
[CV 4/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1948.048, test=-2613.871)
total time= 9.9s
[CV 2/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500
[CV 2/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1469.956, test=-2605.891)
total time= 24.7s
[CV 4/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1936.740, test=-2610.712)
total time= 9.9s
[CV 2/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1469.956, test=-2612.303)
total time= 24.8s
[CV 4/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1951.882, test=-2603.946)
total time= 9.9s
[CV 2/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1517.021, test=-2570.710)
total time= 24.2s
[CV 3/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1928.329, test=-2818.805)
total time= 9.8s
[CV 1/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1502.870, test=-2492.699)
total time= 24.3s
[CV 2/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2005.569, test=-2453.208)
total time= 9.7s
[CV 2/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2152.410, test=-2703.587)
total time= 4.9s
[CV 1/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

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[CV 1/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1859.563, test=-2433.673)
total time= 12.3s

[CV 4/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 4/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1439.698, test=-2680.750)
total time= 24.5s

[CV 2/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 2/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1875.728, test=-2512.929)
total time= 12.3s

[CV 5/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 5/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1423.451, test=-2783.024)
total time= 24.6s

[CV 4/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 4/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1827.760, test=-2628.413)
total time= 12.3s

[CV 3/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 3/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s

[CV 5/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 5/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2500.867, test=-2733.819)
total time= 0.5s

[CV 2/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 2/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2518.027, test=-2306.223)
total time= 1.0s

[CV 5/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 5/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2431.650, test=-2691.136)
total time= 1.0s

[CV 3/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 3/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2322.908, test=-2755.531)
total time= 2.5s

[CV 1/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 1/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-2224.178, test=-2424.557) total time= 4.9s
[CV 4/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 4/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-2206.142, test=-2569.465) total time= 5.0s
[CV 3/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 3/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1948.761, test=-2828.339) total time= 9.8s
[CV 1/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 1/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-1529.338, test=-2462.814) total time= 24.2s
[CV 2/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 2/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-2005.569, test=-2453.074) total time= 9.7s
[CV 5/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 5/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1833.037, test=-2726.143) total time= 12.3s
[CV 2/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2407.718, test=-2337.250) total time= 2.5s
[CV 5/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 5/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2319.256, test=-2679.432) total time= 2.4s
[CV 3/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 3/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-2160.428, test=-2783.818) total time= 4.9s
[CV 1/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 1/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200;; score=(train=-2004.584, test=-2424.556)
total time= 9.7s
[CV 4/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1903.723, test=-2621.209)
total time= 12.2s
[CV 4/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2533.624, test=-2592.459)
total time= 0.5s
[CV 1/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2505.527, test=-2403.113)
total time= 1.0s
[CV 3/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2431.227, test=-2736.374)
total time= 1.0s
[CV 1/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2397.121, test=-2393.786)
total time= 2.4s
[CV 4/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2365.190, test=-2548.489)
total time= 2.4s
[CV 2/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2252.939, test=-2386.810)
total time= 4.9s
[CV 1/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1951.866, test=-2433.367)
total time= 9.6s
[CV 3/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1836.501, test=-2855.349)
total time= 12.2s
[CV 1/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-2571.740, test=-2442.805)
total time= 0.5s
[CV 2/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2592.448, test=-2344.232)
total time= 0.5s
[CV 4/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 1/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2499.611, test=-2400.641)
total time= 1.0s
[CV 4/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2464.606, test=-2555.428)
total time= 1.0s
[CV 2/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2398.556, test=-2337.470)
total time= 2.4s
[CV 5/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2320.368, test=-2686.761)
total time= 2.4s
[CV 3/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2174.168, test=-2789.977)
total time= 4.9s
[CV 1/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1977.543, test=-2426.876)
total time= 9.7s
[CV 4/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1853.563, test=-2628.789)
total time= 12.1s
[CV 4/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10
[CV 4/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2533.624, test=-2592.459)
total time= 0.5s
[CV 1/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2505.527, test=-2403.336)
total time= 1.0s
[CV 3/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2431.228, test=-2736.373)
total time= 1.0s
[CV 1/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2397.121, test=-2394.087)
total time= 2.4s
[CV 4/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2365.190, test=-2548.144)
total time= 2.4s
[CV 2/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2252.939, test=-2379.478)
total time= 4.8s
[CV 5/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2171.502, test=-2705.219)
total time= 4.8s
[CV 1/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1891.671, test=-2428.223)
total time= 12.0s
[CV 4/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1549.303, test=-2686.268)
total time= 24.2s
[CV 2/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1908.758, test=-2491.198)

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total time= 12.2s
[CV 5/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1474.102, test=-2769.199)
total time= 24.3s
[CV 3/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1839.707, test=-2843.685)
total time= 12.1s
[CV 1/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2573.505, test=-2442.239)
total time= 0.5s
[CV 2/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2595.875, test=-2353.413)
total time= 0.5s
[CV 3/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.6s
[CV 5/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2501.963, test=-2728.236)
total time= 0.5s
[CV 2/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2243.865, test=-2410.045)
total time= 4.9s
[CV 5/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2144.455, test=-2739.172)
total time= 4.9s
[CV 5/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1890.415, test=-2755.898)
total time= 9.7s

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[CV 3/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 3/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-1434.541, test=-2984.879) total time= 24.4s

[CV 4/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 4/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-1983.441, test=-2599.226) total time= 9.9s

[CV 2/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 2/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-1537.258, test=-2618.280) total time= 24.7s

[CV 3/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 3/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-1927.240, test=-2835.834) total time= 9.9s

[CV 2/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 2/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-1469.956, test=-2605.261) total time= 24.7s

[CV 3/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 3/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-1927.240, test=-2835.984) total time= 9.9s

[CV 1/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-1489.278, test=-2486.365) total time= 24.6s

[CV 3/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 3/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-1927.240, test=-2836.802) total time= 10.0s

[CV 1/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-1489.278, test=-2490.014) total time= 24.7s

[CV 2/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 2/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-2002.438, test=-2453.367)
total time= 9.9s
[CV 5/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1820.392, test=-2718.229)
total time= 12.1s
[CV 5/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2435.689, test=-2688.089)
total time= 1.0s
[CV 3/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2311.806, test=-2757.412)
total time= 2.4s
[CV 1/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2249.700, test=-2400.659)
total time= 4.8s
[CV 4/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2209.086, test=-2563.612)
total time= 4.9s
[CV 4/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1987.917, test=-2600.741)
total time= 9.8s
[CV 2/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1548.094, test=-2590.090)
total time= 24.4s
[CV 5/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1935.153, test=-2710.465)
total time= 9.8s
[CV 3/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1505.258, test=-2946.938)
total time= 24.4s
[CV 4/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200
[CV 4/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1987.917, test=-2597.670)
total time= 9.8s
[CV 2/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1548.094, test=-2589.146)
total time= 24.5s
[CV 5/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1935.153, test=-2712.466)
total time= 9.9s
[CV 3/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1482.538, test=-2947.946)
total time= 24.3s
[CV 4/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2011.669, test=-2606.265)
total time= 9.7s
[CV 1/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1561.877, test=-2501.536)
total time= 24.0s
[CV 5/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2167.499, test=-2710.585)
total time= 4.9s
[CV 1/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1886.908, test=-2431.344)
total time= 12.1s
[CV 4/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1486.010, test=-2694.261)
total time= 24.2s
[CV 2/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1908.758, test=-2497.617)
total time= 12.0s
[CV 5/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500
[CV 5/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1474.102, test=-2769.159)
total time= 24.0s
[CV 3/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1839.707, test=-2842.421)
total time= 12.1s
[CV 1/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2573.505, test=-2442.239)
total time= 0.5s
[CV 2/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2595.875, test=-2344.362)
total time= 0.5s
[CV 3/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 5/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2501.963, test=-2728.236)
total time= 0.5s
[CV 2/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2523.036, test=-2315.093)
total time= 1.0s
[CV 4/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2466.424, test=-2556.013)
total time= 1.0s
[CV 2/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2407.718, test=-2338.130)
total time= 2.5s
[CV 5/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2319.256, test=-2680.581)

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total time= 2.4s
[CV 3/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2160.428, test=-2783.461)
total time= 4.8s
[CV 1/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2004.584, test=-2424.363)
total time= 9.6s
[CV 4/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1903.723, test=-2624.453)
total time= 12.2s
[CV 4/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2533.624, test=-2592.459)
total time= 0.5s
[CV 1/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2505.527, test=-2403.319)
total time= 1.0s
[CV 3/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2431.227, test=-2736.374)
total time= 1.0s
[CV 1/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2397.121, test=-2394.421)
total time= 2.4s
[CV 4/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2365.190, test=-2548.144)
total time= 2.4s
[CV 2/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2252.939, test=-2384.791)
total time= 4.7s
[CV 5/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

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[CV 5/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2171.502, test=-2704.435)
total time= 4.9s

[CV 1/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 1/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1891.671, test=-2430.102)
total time= 12.0s

[CV 4/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 4/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1549.303, test=-2686.151)
total time= 24.1s

[CV 2/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 2/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1925.395, test=-2500.019)
total time= 12.1s

[CV 5/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 5/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1541.048, test=-2793.831)
total time= 24.2s

[CV 3/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 5/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2428.208, test=-2689.056)
total time= 1.0s

[CV 3/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 3/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2316.091, test=-2755.535)
total time= 2.4s

[CV 1/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 1/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2218.100, test=-2421.867)
total time= 4.8s

[CV 4/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 4/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2204.393, test=-2568.150)
total time= 5.1s

[CV 5/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 5/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1899.100, test=-2719.365)
total time= 9.8s

[CV 3/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 3/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-1454.908, test=-2954.746) total time= 24.7s
[CV 5/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 5/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-1899.100, test=-2717.578) total time= 9.8s
[CV 3/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 3/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-1462.296, test=-2967.127) total time= 24.7s
[CV 5/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 5/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-1899.100, test=-2717.345) total time= 9.9s
[CV 3/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 3/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-1462.296, test=-2967.928) total time= 24.8s
[CV 5/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1922.964, test=-2715.503) total time= 10.2s
[CV 3/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 3/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-1494.948, test=-2950.338) total time= 24.3s
[CV 5/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 5/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1935.153, test=-2713.017) total time= 9.7s
[CV 3/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 3/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-1505.258, test=-2946.739) total time= 24.0s
[CV 4/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 4/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200;; score=(train=-1987.917, test=-2601.330)
total time= 9.7s
[CV 1/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1502.870, test=-2491.860)
total time= 24.1s
[CV 2/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2005.569, test=-2455.860)
total time= 9.8s
[CV 5/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1833.037, test=-2727.164)
total time= 12.2s
[CV 5/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2435.689, test=-2688.089)
total time= 1.0s
[CV 3/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2311.806, test=-2757.412)
total time= 2.4s
[CV 1/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2249.700, test=-2400.939)
total time= 4.7s
[CV 4/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2209.086, test=-2562.756)
total time= 4.9s
[CV 4/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1987.917, test=-2602.241)
total time= 9.8s
[CV 2/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1548.094, test=-2587.108)
total time= 24.4s
[CV 3/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200
[CV 3/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1960.664, test=-2809.561)
total time= 9.7s
[CV 2/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1584.779, test=-2588.366)
total time= 23.9s
[CV 2/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2015.729, test=-2479.507)
total time= 9.7s
[CV 5/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1852.996, test=-2736.774)
total time= 12.2s
[CV 3/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2252.939, test=-2384.582)
total time= 4.9s
[CV 5/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2171.502, test=-2704.662)
total time= 4.9s
[CV 1/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1891.671, test=-2429.742)
total time= 12.1s
[CV 4/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1549.303, test=-2683.278)
total time= 24.4s
[CV 2/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1908.758, test=-2494.446)
total time= 12.2s
[CV 5/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1474.102, test=-2769.954)

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total time= 24.2s
[CV 3/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1839.707, test=-2842.408)
total time= 12.1s
[CV 1/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2575.091, test=-2442.478)
total time= 0.5s
[CV 2/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2598.901, test=-2352.273)
total time= 0.5s
[CV 3/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 5/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2501.290, test=-2725.202)
total time= 0.5s
[CV 2/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2526.624, test=-2327.804)
total time= 1.0s
[CV 4/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2466.722, test=-2556.181)
total time= 1.0s
[CV 2/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2412.781, test=-2352.239)
total time= 2.4s
[CV 5/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2330.583, test=-2680.164)
total time= 2.4s
[CV 3/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

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[CV 3/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2185.285, test=-2782.256)
total time= 4.8s

[CV 1/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 1/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2008.984, test=-2438.890)
total time= 9.6s

[CV 4/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 4/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1902.388, test=-2621.857)
total time= 12.0s

[CV 2/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 2/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2598.901, test=-2352.596)
total time= 0.4s

[CV 3/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 3/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s

[CV 5/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 5/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2501.290, test=-2725.657)
total time= 0.5s

[CV 2/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 2/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2526.624, test=-2318.831)
total time= 1.0s

[CV 5/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 5/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2432.092, test=-2682.347)
total time= 1.0s

[CV 3/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 3/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2331.001, test=-2744.228)
total time= 2.4s

[CV 1/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 1/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2259.552, test=-2411.383)
total time= 4.8s

[CV 4/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 4/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-2218.430, test=-2567.902) total time= 4.8s
[CV 5/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 5/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1949.772, test=-2708.963) total time= 9.5s
[CV 3/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 3/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-1535.720, test=-2909.469) total time= 24.2s
[CV 3/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 3/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 3/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2311.803, test=-2757.450) total time= 2.4s
[CV 1/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 1/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-2249.700, test=-2400.692) total time= 4.8s
[CV 4/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 4/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-2209.086, test=-2564.131) total time= 4.8s
[CV 3/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 3/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1928.203, test=-2826.358) total time= 9.6s
[CV 5/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 5/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-1833.037, test=-2725.343) total time= 12.0s
[CV 5/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 5/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2435.689, test=-2688.089) total time= 1.0s
[CV 3/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 3/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2311.806, test=-2757.413)
total time= 2.4s
[CV 1/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2249.700, test=-2401.700)
total time= 4.8s
[CV 4/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2209.086, test=-2561.942)
total time= 4.9s
[CV 5/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1935.153, test=-2711.860)
total time= 9.6s
[CV 3/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1505.258, test=-2945.166)
total time= 24.3s
[CV 3/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1931.272, test=-2821.459)
total time= 9.8s
[CV 1/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1502.870, test=-2493.027)
total time= 24.2s
[CV 2/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2015.729, test=-2482.952)
total time= 9.7s
[CV 5/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1852.996, test=-2740.224)
total time= 12.1s
[CV 4/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2466.722, test=-2556.181)

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total time= 1.0s
[CV 2/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2412.781, test=-2353.669)
total time= 2.5s
[CV 5/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2330.583, test=-2678.585)
total time= 2.4s
[CV 3/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2185.285, test=-2782.488)
total time= 4.9s
[CV 1/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2008.984, test=-2439.630)
total time= 9.7s
[CV 4/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1902.388, test=-2619.589)
total time= 12.0s
[CV 5/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2501.290, test=-2725.418)
total time= 0.5s
[CV 2/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2526.624, test=-2327.952)
total time= 1.0s
[CV 5/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2432.092, test=-2682.347)
total time= 1.0s
[CV 3/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2331.001, test=-2744.741)
total time= 2.4s
[CV 5/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

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[CV 5/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2330.583, test=-2679.413)
total time= 2.4s

[CV 2/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 2/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2255.155, test=-2388.579)
total time= 4.9s

[CV 5/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 5/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2184.907, test=-2693.699)
total time= 4.9s

[CV 2/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2523.036, test=-2316.144)
total time= 1.0s

[CV 4/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 4/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2466.424, test=-2556.013)
total time= 1.0s

[CV 2/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 2/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2407.718, test=-2330.130)
total time= 2.5s

[CV 5/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 5/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2319.256, test=-2679.432)
total time= 2.2s

[CV 3/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 3/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2158.568, test=-2783.192)
total time= 4.8s

[CV 1/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 1/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2004.584, test=-2423.088)
total time= 9.7s

[CV 4/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 4/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1903.723, test=-2624.874)
total time= 12.3s

[CV 4/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

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[CV 4/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2535.054, test=-2594.050)
total time= 0.5s
[CV 1/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2505.711, test=-2408.591)
total time= 1.0s
[CV 3/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2432.602, test=-2734.730)
total time= 1.0s
[CV 1/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2403.228, test=-2406.779)
total time= 2.4s
[CV 4/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2369.537, test=-2539.133)
total time= 2.4s
[CV 2/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2255.155, test=-2395.718)
total time= 4.9s
[CV 5/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2184.907, test=-2693.987)
total time= 4.9s
[CV 1/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1914.577, test=-2447.317)
total time= 12.2s
[CV 4/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1569.265, test=-2678.215)
total time= 24.3s
[CV 2/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1925.395, test=-2503.595)
total time= 12.3s

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[CV 5/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 5/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-1541.048, test=-2791.667) total time= 23.8s
[CV 3/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 3/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1865.091, test=-2819.426) total time= 12.1s
[CV 1/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 1/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2575.091, test=-2442.530) total time= 0.5s
[CV 2/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 2/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2598.901, test=-2350.293) total time= 0.5s
[CV 3/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 3/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2495.226, test=-2765.530) total time= 0.5s
[CV 4/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2535.054, test=-2594.050) total time= 0.5s
[CV 1/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2505.711, test=-2408.443) total time= 1.0s
[CV 4/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 4/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2466.722, test=-2556.175) total time= 1.0s
[CV 2/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 2/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2412.781, test=-2345.524) total time= 2.4s
[CV 5/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 5/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50;; score=(train=-2330.583, test=-2679.986)
total time= 2.5s
[CV 3/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2185.285, test=-2782.605)
total time= 4.9s
[CV 1/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2171.502, test=-2704.741)
total time= 4.9s
[CV 1/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1891.671, test=-2429.878)
total time= 12.1s
[CV 4/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1549.303, test=-2682.992)
total time= 24.6s
[CV 2/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1908.758, test=-2491.772)
total time= 12.3s
[CV 5/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1474.102, test=-2770.066)
total time= 24.3s
[CV 3/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1865.091, test=-2819.138)
total time= 12.2s
[CV 1/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2575.091, test=-2442.478)
total time= 0.5s
[CV 4/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2535.054, test=-2594.050)

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total time= 0.5s
[CV 1/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2505.711, test=-2408.927)
total time= 1.0s
[CV 3/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2432.602, test=-2734.730)
total time= 1.0s
[CV 1/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2403.228, test=-2407.268)
total time= 2.4s
[CV 4/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2369.537, test=-2540.254)
total time= 2.4s
[CV 2/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2255.155, test=-2388.177)
total time= 4.9s
[CV 5/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2184.907, test=-2694.453)
total time= 4.9s
[CV 1/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1914.577, test=-2446.379)
total time= 12.2s
[CV 4/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1569.265, test=-2676.322)
total time= 24.3s
[CV 2/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1925.395, test=-2504.328)
total time= 12.4s
[CV 5/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

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[CV 5/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1541.048, test=-2792.352)
total time= 24.3s

[CV 3/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 3/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1865.091, test=-2818.919)
total time= 12.1s

[CV 1/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 1/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2481.593, test=-2441.371)
total time= 0.8s

[CV 3/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 3/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2417.240, test=-2780.456)
total time= 0.8s

[CV 5/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 5/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2421.796, test=-2779.865)
total time= 0.8s

[CV 2/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 2/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2361.571, test=-2359.934)
total time= 1.5s

[CV 5/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 5/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2303.807, test=-2743.584)
total time= 1.5s

[CV 3/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 3/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2014.737, test=-2763.889)
total time= 3.8s

[CV 5/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 5/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2004.778, test=-2769.979)
total time= 3.9s

[CV 3/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 3/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1650.672, test=-2818.333)
total time= 7.7s

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[CV 5/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1097.156, test=-2862.200)
total time= 15.4s
[CV 3/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1865.091, test=-2818.631)
total time= 12.3s
[CV 1/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2575.091, test=-2442.478)
total time= 0.5s
[CV 2/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2598.901, test=-2353.077)
total time= 0.5s
[CV 3/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 4/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2535.054, test=-2594.050)
total time= 0.5s
[CV 1/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2505.711, test=-2408.809)
total time= 1.0s
[CV 4/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2466.722, test=-2556.181)
total time= 1.0s
[CV 2/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2412.781, test=-2357.797)
total time= 2.5s
[CV 1/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2259.552, test=-2411.310)
total time= 4.6s

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[CV 4/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 4/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-2218.430, test=-2567.736) total time= 4.9s
[CV 5/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 5/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1949.772, test=-2710.443) total time= 9.6s
[CV 2/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 2/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-1584.779, test=-2588.037) total time= 24.6s
[CV 3/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 3/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-1960.664, test=-2810.083) total time= 9.8s
[CV 1/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 1/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-1561.877, test=-2502.724) total time= 24.4s
[CV 4/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 4/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-1677.535, test=-2625.185) total time= 7.8s
[CV 2/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 2/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-1020.887, test=-2643.266) total time= 19.8s
[CV 1/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 1/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2482.252, test=-2438.434) total time= 0.8s
[CV 2/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 2/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2513.649, test=-2364.981) total time= 0.8s
[CV 3/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 3/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=10;; score=(train=-2417.510, test=-2780.470)
total time= 0.8s
[CV 4/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2471.186, test=-2575.227)
total time= 0.8s
[CV 5/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2421.796, test=-2778.629)
total time= 0.8s
[CV 1/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2351.929, test=-2407.095)
total time= 1.5s
[CV 2/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2364.372, test=-2363.768)
total time= 1.5s
[CV 3/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2295.158, test=-2745.533)
total time= 1.5s
[CV 5/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2305.854, test=-2745.669)
total time= 1.6s
[CV 3/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2024.260, test=-2761.511)
total time= 3.9s
[CV 1/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1681.485, test=-2449.193)
total time= 7.8s
[CV 4/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1712.198, test=-2620.845)
total time= 7.9s
[CV 2/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200
[CV 3/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2432.602, test=-2734.730)
total time= 1.0s
[CV 1/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2403.228, test=-2406.467)
total time= 2.5s
[CV 4/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2369.537, test=-2539.895)
total time= 2.6s
[CV 3/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2185.285, test=-2782.426)
total time= 4.9s
[CV 1/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2008.984, test=-2439.637)
total time= 9.7s
[CV 4/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1914.949, test=-2621.640)
total time= 12.3s
[CV 5/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2501.290, test=-2725.202)
total time= 0.5s
[CV 2/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2526.624, test=-2327.952)
total time= 1.0s
[CV 5/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2432.092, test=-2682.347)
total time= 1.0s
[CV 3/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2331.001, test=-2744.490)

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total time= 2.5s
[CV 1/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2259.552, test=-2413.104)
total time= 4.9s
[CV 4/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2218.430, test=-2569.125)
total time= 4.9s
[CV 5/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1949.772, test=-2711.631)
total time= 9.9s
[CV 3/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1535.720, test=-2910.326)
total time= 24.5s
[CV 1/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1141.931, test=-2549.674)
total time= 15.7s
[CV 4/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-938.304, test=-2719.640)
total time= 19.5s
[CV 4/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2351.878, test=-2542.019)
total time= 1.5s
[CV 2/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2056.578, test=-2448.378)
total time= 3.8s
[CV 5/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1983.098, test=-2783.589)
total time= 3.9s
[CV 3/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

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[CV 3/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1675.978, test=-2824.442)
total time= 7.8s
[CV 1/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1157.368, test=-2540.820)
total time= 15.5s
[CV 4/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-951.228, test=-2670.530)
total time= 19.4s
[CV 4/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2479.144, test=-2578.110)
total time= 0.8s
[CV 1/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2358.301, test=-2403.446)
total time= 1.5s
[CV 3/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2300.477, test=-2767.303)
total time= 1.5s
[CV 5/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2299.617, test=-2740.670)
total time= 1.6s
[CV 3/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2051.596, test=-2768.927)
total time= 3.9s
[CV 1/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1715.741, test=-2468.601)
total time= 7.8s
[CV 4/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1548.094, test=-2590.708)
total time= 24.4s

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[CV 3/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 3/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-1928.329, test=-2818.721) total time= 9.7s
[CV 1/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 1/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-1502.870, test=-2493.320) total time= 24.6s
[CV 2/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 2/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-2005.569, test=-2459.542) total time= 9.8s
[CV 5/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 5/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-1833.037, test=-2728.028) total time= 12.2s
[CV 5/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 5/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-2432.092, test=-2682.558) total time= 1.0s
[CV 3/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 3/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-2331.001, test=-2744.266) total time= 2.4s
[CV 1/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 1/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-2259.552, test=-2411.919) total time= 4.9s
[CV 4/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 4/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-2218.430, test=-2566.026) total time= 4.9s
[CV 5/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 5/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-1949.772, test=-2710.611) total time= 9.7s
[CV 3/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 3/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500;; score=(train=-1535.720, test=-2910.196)
total time= 24.2s
[CV 4/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1993.910, test=-2598.144)
total time= 9.6s
[CV 2/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1584.779, test=-2586.513)
total time= 24.4s
[CV 4/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1993.910, test=-2601.866)
total time= 9.7s
[CV 3/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1535.720, test=-2909.618)
total time= 24.7s
[CV 4/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2011.669, test=-2605.523)
total time= 9.9s
[CV 2/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1584.779, test=-2593.675)
total time= 24.4s
[CV 5/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1611.744, test=-2793.091)
total time= 7.8s
[CV 3/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-950.018, test=-2942.616)
total time= 19.4s
[CV 5/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-384.066, test=-2937.688)
total time= 38.5s
[CV 2/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250
[CV 2/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1041.465, test=-2671.728)
total time= 19.6s
[CV 5/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-439.753, test=-2938.734)
total time= 38.9s
[CV 4/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1103.889, test=-2704.116)
total time= 19.6s
[CV 2/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2514.434, test=-2358.378)
total time= 0.8s
[CV 4/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2480.670, test=-2578.382)
total time= 0.8s
[CV 2/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2370.270, test=-2342.458)
total time= 1.5s
[CV 4/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2363.490, test=-2537.541)
total time= 1.6s
[CV 2/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2143.889, test=-2418.265)
total time= 3.9s
[CV 5/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2008.984, test=-2438.788)
total time= 9.8s
[CV 4/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1914.949, test=-2623.129)

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total time= 12.2s
[CV 2/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2509.825, test=-2362.028)
total time= 0.8s
[CV 4/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2471.132, test=-2577.386)
total time= 0.8s
[CV 1/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2348.465, test=-2402.930)
total time= 1.5s
[CV 4/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2343.167, test=-2539.983)
total time= 1.6s
[CV 2/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2063.412, test=-2438.071)
total time= 3.9s
[CV 1/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1657.408, test=-2468.087)
total time= 7.7s
[CV 2/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1220.483, test=-2611.438)
total time= 15.6s
[CV 5/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-902.711, test=-2891.325)
total time= 19.3s
[CV 1/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2055.774, test=-2450.242)
total time= 3.8s
[CV 4/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

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[CV 4/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2091.453, test=-2568.601)
total time= 3.9s
[CV 2/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1744.224, test=-2531.885)
total time= 7.8s
[CV 5/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1620.273, test=-2801.302)
total time= 7.8s
[CV 1/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-972.891, test=-2581.379)
total time= 19.4s
[CV 4/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-458.840, test=-2781.912)
total time= 39.2s
[CV 2/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1085.515, test=-2619.905)
total time= 19.6s
[CV 5/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-527.412, test=-2948.222)
total time= 38.7s
[CV 3/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1131.510, test=-2966.357)
total time= 19.3s
[CV 1/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2502.500, test=-2444.724)
total time= 0.8s
[CV 2/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2516.004, test=-2356.296)
total time= 0.7s

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[CV 3/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2418.827, test=-2770.818)
total time= 0.8s
[CV 4/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2475.357, test=-2589.085)
total time= 0.8s
[CV 1/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2384.765, test=-2412.993)
total time= 1.5s
[CV 3/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2306.563, test=-2741.274)
total time= 1.5s
[CV 1/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2109.503, test=-2448.785)
total time= 3.9s
[CV 4/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2108.316, test=-2554.112)
total time= 3.8s
[CV 2/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1736.889, test=-2464.286)
total time= 7.7s
[CV 5/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1653.125, test=-2750.833)
total time= 7.6s
[CV 1/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1914.577, test=-2449.588)
total time= 12.2s
[CV 4/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500;; score=(train=-1565.520, test=-2704.598)
total time= 24.3s
[CV 2/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1925.395, test=-2502.737)
total time= 12.3s
[CV 5/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1541.048, test=-2793.572)
total time= 24.6s
[CV 1/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-955.454, test=-2562.621)
total time= 19.5s
[CV 4/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-428.194, test=-2766.392)
total time= 38.9s
[CV 3/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-994.835, test=-2935.493)
total time= 19.6s
[CV 1/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2488.555, test=-2441.273)
total time= 0.8s
[CV 2/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2509.502, test=-2353.041)
total time= 0.8s
[CV 3/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2424.221, test=-2779.380)
total time= 0.8s
[CV 5/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2429.602, test=-2769.386)
total time= 0.8s
[CV 2/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20
[CV 2/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2371.090, test=-2350.993)
total time= 1.6s
[CV 4/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2350.782, test=-2540.183)
total time= 1.6s
[CV 1/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2108.297, test=-2442.342)
total time= 3.9s
[CV 4/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2128.629, test=-2561.016)
total time= 4.0s
[CV 2/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1752.565, test=-2469.394)
total time= 7.9s
[CV 5/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1667.259, test=-2803.600)
total time= 7.9s
[CV 1/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1051.833, test=-2540.831)
total time= 19.4s
[CV 4/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-542.348, test=-2757.868)
total time= 38.8s
[CV 2/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1207.998, test=-2581.223)
total time= 19.6s
[CV 5/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-603.953, test=-2926.272)

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total time= 38.6s
[CV 3/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1059.278, test=-2889.403)
total time= 19.3s
[CV 1/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2502.500, test=-2444.562)
total time= 0.8s
[CV 2/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2516.004, test=-2356.296)
total time= 0.8s
[CV 3/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2418.827, test=-2770.818)
total time= 0.8s
[CV 5/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2433.370, test=-2744.934)
total time= 0.8s
[CV 2/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2375.251, test=-2344.562)
total time= 1.5s
[CV 4/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2346.231, test=-2555.845)
total time= 1.5s
[CV 3/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1960.664, test=-2809.990)
total time= 9.7s
[CV 1/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1561.877, test=-2500.831)
total time= 24.2s
[CV 2/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

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[CV 2/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2015.729, test=-2481.194)
total time= 10.0s

[CV 5/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 5/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1852.996, test=-2740.633)
total time= 12.2s

[CV 3/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 3/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2432.602, test=-2734.730)
total time= 1.0s

[CV 1/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 1/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2403.228, test=-2407.708)
total time= 2.5s

[CV 4/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 4/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2369.537, test=-2539.489)
total time= 2.5s

[CV 2/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 2/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2255.155, test=-2400.669)
total time= 4.9s

[CV 5/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 5/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2184.907, test=-2694.204)
total time= 4.9s

[CV 1/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 1/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1914.577, test=-2446.899)
total time= 12.2s

[CV 4/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 4/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1569.265, test=-2676.480)
total time= 24.3s

[CV 4/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 4/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1157.780, test=-2667.372)
total time= 15.6s

[CV 2/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 2/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-457.734, test=-2719.401)
total time= 39.2s
[CV 4/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 4/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-1145.671, test=-2635.741)
total time= 15.6s
[CV 2/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 2/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-468.294, test=-2766.386)
total time= 38.8s
[CV 4/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 4/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-1271.405, test=-2683.749)
total time= 15.6s
[CV 2/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 2/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-585.064, test=-2660.148)
total time= 39.1s
[CV 3/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-1316.807, test=-2924.903)
total time= 15.7s
[CV 1/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 1/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-673.529, test=-2602.396)
total time= 38.5s
[CV 2/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 2/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-1283.745, test=-2523.636)
total time= 15.4s
[CV 5/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 5/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-1001.419, test=-2832.959)
total time= 19.1s
[CV 1/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 1/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-2109.504, test=-2448.005)
total time= 3.9s
[CV 4/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2108.316, test=-2554.088)
total time= 3.9s
[CV 2/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1736.889, test=-2463.227)
total time= 7.7s
[CV 1/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1339.770, test=-2578.675)
total time= 15.6s
[CV 4/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1118.315, test=-2683.415)
total time= 19.3s
[CV 2/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2516.004, test=-2358.644)
total time= 0.7s
[CV 4/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2475.357, test=-2587.828)
total time= 0.8s
[CV 2/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1261.202, test=-2626.583)
total time= 15.8s
[CV 5/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-966.711, test=-2887.421)
total time= 19.4s
[CV 2/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2107.636, test=-2418.026)
total time= 3.8s
[CV 5/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50;; score=(train=-2034.300, test=-2769.975)
total time= 3.9s
[CV 3/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1692.271, test=-2832.241)
total time= 7.6s
[CV 1/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1245.365, test=-2536.667)
total time= 15.5s
[CV 3/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1066.183, test=-2942.438)
total time= 19.5s
[CV 1/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2490.377, test=-2442.562)
total time= 0.8s
[CV 3/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2430.479, test=-2778.220)
total time= 0.8s
[CV 5/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2430.508, test=-2770.787)
total time= 0.8s
[CV 1/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2375.988, test=-2419.176)
total time= 1.5s
[CV 3/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2316.340, test=-2745.152)
total time= 1.5s
[CV 1/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2130.826, test=-2416.890)
total time= 3.9s
[CV 4/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50
[CV 4/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2167.727, test=-2534.162)
total time= 3.9s
[CV 2/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1856.765, test=-2482.801)
total time= 7.8s
[CV 5/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1733.485, test=-2806.276)
total time= 7.8s
[CV 1/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1211.674, test=-2535.868)
total time= 19.5s
[CV 4/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-682.115, test=-2787.793)
total time= 39.1s
[CV 2/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1124.303, test=-2539.224)
total time= 19.4s
[CV 5/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-596.281, test=-2892.197)
total time= 38.6s
[CV 3/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1059.278, test=-2900.753)
total time= 19.3s
[CV 1/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2502.500, test=-2445.720)
total time= 0.8s
[CV 3/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2418.827, test=-2770.818)

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total time= 0.7s
[CV 5/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2433.370, test=-2744.934)
total time= 0.8s
[CV 2/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2375.251, test=-2349.030)
total time= 1.5s
[CV 4/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2346.231, test=-2555.922)
total time= 1.5s
[CV 2/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2085.208, test=-2410.037)
total time= 3.8s
[CV 5/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2007.347, test=-2717.923)
total time= 3.9s
[CV 3/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2055.483, test=-2772.727)
total time= 3.9s
[CV 3/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1766.055, test=-2823.706)
total time= 7.8s
[CV 1/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1360.449, test=-2516.335)
total time= 15.6s
[CV 4/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1184.664, test=-2680.985)
total time= 19.4s
[CV 5/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

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[CV 5/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2433.370, test=-2744.934)
total time= 0.8s

[CV 2/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 2/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2375.251, test=-2344.766)
total time= 1.5s

[CV 4/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 4/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2346.231, test=-2555.845)
total time= 1.5s

[CV 2/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 2/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2085.208, test=-2408.785)
total time= 3.9s

[CV 5/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 5/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2007.347, test=-2714.956)
total time= 3.9s

[CV 3/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 3/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1707.695, test=-2804.047)
total time= 7.6s

[CV 1/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 1/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1318.304, test=-2565.256)
total time= 15.4s

[CV 4/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 4/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1118.315, test=-2686.881)
total time= 19.2s

[CV 4/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 4/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2475.357, test=-2589.085)
total time= 0.8s

[CV 1/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 1/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2384.765, test=-2412.500)
total time= 1.5s


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[CV 3/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2306.563, test=-2740.530)
total time= 1.5s
[CV 5/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2310.563, test=-2718.504)
total time= 1.5s
[CV 3/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2043.146, test=-2738.379)
total time= 3.8s
[CV 1/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1777.295, test=-2502.652)
total time= 7.6s
[CV 4/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1782.927, test=-2600.391)
total time= 7.7s
[CV 5/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1165.103, test=-2809.059)
total time= 15.2s
[CV 1/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-637.457, test=-2657.564)
total time= 38.4s
[CV 3/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1228.702, test=-2871.650)
total time= 15.5s
[CV 5/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1001.419, test=-2835.247)
total time= 19.2s
[CV 5/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20;; score=(train=-2309.246, test=-2702.737)
total time= 1.5s
[CV 3/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2079.442, test=-2744.357)
total time= 3.8s
[CV 1/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1770.263, test=-2465.248)
total time= 7.6s
[CV 4/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1753.770, test=-2608.348)
total time= 7.7s
[CV 5/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1269.773, test=-2793.533)
total time= 15.4s
[CV 3/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1960.664, test=-2810.352)
total time= 9.8s
[CV 1/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1561.877, test=-2503.153)
total time= 24.4s
[CV 2/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2015.729, test=-2483.202)
total time= 9.8s
[CV 5/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1852.996, test=-2740.133)
total time= 12.2s
[CV 3/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2302.529, test=-2743.022)
total time= 1.5s
[CV 1/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50
[CV 1/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2069.685, test=-2430.697)
total time= 3.9s
[CV 4/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2101.509, test=-2567.179)
total time= 3.9s
[CV 2/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1740.662, test=-2505.157)
total time= 7.8s
[CV 3/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1138.832, test=-2918.793)
total time= 15.5s
[CV 1/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-408.588, test=-2608.646)
total time= 39.0s
[CV 3/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1142.371, test=-2902.979)
total time= 15.8s
[CV 1/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-441.969, test=-2629.567)
total time= 38.9s
[CV 3/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1207.344, test=-2920.632)
total time= 15.5s
[CV 1/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-539.594, test=-2584.653)
total time= 38.8s
[CV 2/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1367.296, test=-2563.203)

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total time= 15.6s
[CV 5/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1145.000, test=-2870.594)
total time= 19.3s
[CV 5/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2310.563, test=-2717.941)
total time= 1.6s
[CV 3/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2043.146, test=-2739.512)
total time= 3.8s
[CV 1/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1777.295, test=-2502.557)
total time= 7.7s
[CV 4/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1750.186, test=-2587.531)
total time= 7.7s
[CV 5/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1165.103, test=-2801.775)
total time= 15.2s
[CV 3/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-571.687, test=-2972.402)
total time= 38.5s
[CV 4/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1266.639, test=-2664.189)
total time= 15.4s
[CV 3/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-571.687, test=-2972.161)
total time= 38.5s
[CV 4/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

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[CV 4/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1276.016, test=-2647.978)
total time= 15.5s

[CV 2/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 2/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-585.082, test=-2631.362)
total time= 38.6s

[CV 3/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 3/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1379.459, test=-2854.997)
total time= 15.5s

[CV 1/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 1/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-701.049, test=-2571.189)
total time= 38.8s

[CV 2/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 4/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1773.713, test=-2611.358)
total time= 7.9s

[CV 2/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 2/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1244.913, test=-2575.222)
total time= 15.6s

[CV 5/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 5/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1011.597, test=-2877.342)
total time= 19.5s

[CV 5/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 5/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2305.986, test=-2749.765)
total time= 1.6s

[CV 3/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 3/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2092.947, test=-2768.011)
total time= 3.9s

[CV 1/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 1/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1806.813, test=-2455.013)
total time= 7.7s

[CV 4/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 4/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-1847.133, test=-2569.815) total time= 7.9s

[CV 5/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 5/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-1291.740, test=-2853.479) total time= 15.5s

[CV 3/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 3/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-626.426, test=-3065.648) total time= 38.9s

[CV 4/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 4/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-1266.639, test=-2660.997) total time= 15.4s

[CV 2/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 2/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-585.082, test=-2628.688) total time= 38.4s

[CV 3/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 3/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-1228.702, test=-2873.879) total time= 15.6s

[CV 2/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 2/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-585.082, test=-2629.496) total time= 38.4s

[CV 2/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 2/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-1283.745, test=-2528.196) total time= 15.5s

[CV 1/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-638.414, test=-2622.050) total time= 38.5s

[CV 2/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 2/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-1390.284, test=-2535.193)
total time= 15.4s
[CV 5/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1126.741, test=-2826.073)
total time= 19.1s
[CV 4/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2362.890, test=-2554.811)
total time= 1.5s
[CV 2/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2159.739, test=-2378.254)
total time= 3.8s
[CV 5/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2066.868, test=-2691.657)
total time= 3.8s
[CV 3/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1767.958, test=-2826.221)
total time= 7.5s
[CV 1/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1384.126, test=-2552.197)
total time= 15.2s
[CV 4/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1284.064, test=-2699.225)
total time= 19.2s
[CV 3/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2435.919, test=-2771.350)
total time= 0.8s
[CV 5/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2436.532, test=-2737.113)
total time= 0.8s
[CV 2/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20
[CV 2/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2382.134, test=-2338.870)
total time= 1.5s
[CV 5/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2318.769, test=-2701.588)
total time= 1.5s
[CV 3/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2085.365, test=-2771.242)
total time= 3.8s
[CV 5/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1143.173, test=-2577.464)
total time= 19.2s
[CV 4/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-610.688, test=-2746.400)
total time= 38.5s
[CV 2/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1124.303, test=-2550.362)
total time= 19.4s
[CV 5/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-596.281, test=-2891.573)
total time= 38.7s
[CV 3/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1074.217, test=-2879.303)
total time= 19.2s
[CV 1/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2510.527, test=-2446.730)
total time= 0.8s
[CV 2/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

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[CV 2/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2519.714, test=-2354.084)
total time= 0.7s
[CV 3/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2426.195, test=-2769.813)
total time= 0.7s
[CV 4/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2476.240, test=-2587.344)
total time= 0.8s
[CV 1/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2395.466, test=-2411.501)
total time= 1.5s
[CV 3/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2300.142, test=-2735.756)
total time= 1.5s
[CV 1/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2113.318, test=-2440.479)
total time= 3.8s
[CV 4/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2130.342, test=-2561.316)
total time= 3.8s
[CV 2/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1797.918, test=-2462.737)
total time= 7.6s
[CV 5/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1710.701, test=-2741.989)
total time= 7.6s
[CV 1/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1179.462, test=-2512.310)
total time= 18.9s

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[CV 4/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 4/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-679.461, test=-2745.985) total time= 38.3s
[CV 2/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 2/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1235.973, test=-2558.640) total time= 19.1s
[CV 5/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 5/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-689.149, test=-2890.712) total time= 38.0s
[CV 3/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 3/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-1229.281, test=-2970.331) total time= 19.0s
[CV 1/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 1/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2501.651, test=-2447.946) total time= 0.7s
[CV 2/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 2/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2525.161, test=-2354.079) total time= 0.7s
[CV 3/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 3/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2435.919, test=-2771.350) total time= 0.8s
[CV 4/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 4/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2476.438, test=-2588.699) total time= 0.8s
[CV 1/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 1/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2387.485, test=-2422.676) total time= 1.5s
[CV 4/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 4/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20;; score=(train=-2362.890, test=-2554.706)
total time= 1.5s
[CV 2/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2159.740, test=-2386.874)
total time= 3.8s
[CV 5/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2066.868, test=-2691.834)
total time= 3.8s
[CV 3/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-417.417, test=-3032.905)
total time= 38.6s
[CV 5/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1146.405, test=-2864.235)
total time= 15.4s
[CV 3/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-427.264, test=-3045.945)
total time= 39.2s
[CV 5/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1180.901, test=-2854.358)
total time= 15.6s
[CV 3/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-523.423, test=-3025.155)
total time= 38.9s
[CV 4/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1329.403, test=-2641.277)
total time= 15.5s
[CV 2/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-673.750, test=-2659.214)
total time= 38.9s
[CV 3/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200
[CV 3/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1228.702, test=-2871.211)
total time= 15.4s
[CV 1/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-638.414, test=-2626.058)
total time= 38.6s
[CV 2/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1283.745, test=-2530.117)
total time= 15.4s
[CV 5/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1001.419, test=-2833.705)
total time= 19.1s
[CV 5/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2310.563, test=-2718.239)
total time= 1.6s
[CV 3/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2043.146, test=-2738.159)
total time= 3.8s
[CV 1/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1777.295, test=-2505.200)
total time= 7.7s
[CV 4/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1750.186, test=-2591.438)
total time= 7.8s
[CV 5/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1165.103, test=-2809.557)
total time= 15.3s
[CV 3/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-578.476, test=-2946.705)

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total time= 38.6s
[CV 4/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1298.778, test=-2665.782)
total time= 15.3s
[CV 2/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-715.798, test=-2662.263)
total time= 38.6s
[CV 3/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1349.701, test=-2903.393)
total time= 15.1s
[CV 1/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-725.685, test=-2651.495)
total time= 37.8s
[CV 2/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1403.870, test=-2554.385)
total time= 15.2s
[CV 5/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1175.899, test=-2808.758)
total time= 19.0s
[CV 3/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2311.325, test=-2748.645)
total time= 1.5s
[CV 1/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2153.885, test=-2454.543)
total time= 3.8s
[CV 4/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2148.000, test=-2556.737)
total time= 4.0s
[CV 2/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

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[CV 2/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1863.247, test=-2458.561)
total time= 7.8s
[CV 1/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1404.414, test=-2542.451)
total time= 15.2s
[CV 3/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1707.695, test=-2805.212)
total time= 7.8s
[CV 1/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1311.366, test=-2551.306)
total time= 15.5s
[CV 4/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1118.315, test=-2686.024)
total time= 19.4s
[CV 5/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2434.093, test=-2744.697)
total time= 0.8s
[CV 2/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2383.212, test=-2337.788)
total time= 1.5s
[CV 4/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2349.938, test=-2552.894)
total time= 1.5s
[CV 2/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2164.765, test=-2377.464)
total time= 3.9s
[CV 5/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2046.016, test=-2724.356)
total time= 3.9s
[CV 3/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

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[CV 3/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1774.353, test=-2781.417)
total time= 7.7s

[CV 1/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 1/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1319.940, test=-2487.384)
total time= 15.2s

[CV 4/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 4/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1153.493, test=-2665.709)
total time= 19.2s

[CV 4/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 4/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2476.438, test=-2588.699)
total time= 0.8s

[CV 1/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 1/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2387.485, test=-2422.280)
total time= 1.5s

[CV 3/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 3/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2311.325, test=-2748.446)
total time= 1.5s

[CV 1/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 1/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2146.253, test=-2460.305)
total time= 3.8s

[CV 4/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 4/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2148.000, test=-2556.628)
total time= 3.8s

[CV 2/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 2/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1864.332, test=-2450.412)
total time= 7.6s

[CV 5/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 5/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1746.053, test=-2715.709)
total time= 7.7s

[CV 1/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1222.972, test=-2584.420)
total time= 18.9s
[CV 4/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-798.253, test=-2777.195)
total time= 38.4s
[CV 2/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1223.532, test=-2538.019)
total time= 18.8s
[CV 5/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-689.149, test=-2892.403)
total time= 37.8s
[CV 3/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1245.778, test=-2961.022)
total time= 19.0s
[CV 1/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2501.651, test=-2447.946)
total time= 0.7s
[CV 2/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2525.161, test=-2351.221)
total time= 0.8s
[CV 3/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2435.919, test=-2771.350)
total time= 0.7s
[CV 5/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2436.532, test=-2737.113)
total time= 0.8s
[CV 2/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,


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min_samples_split=15, n_estimators=20;; score=(train=-2382.134, test=-2336.448)
total time= 1.5s
[CV 5/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2085.208, test=-2408.468)
total time= 3.8s
[CV 5/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2007.347, test=-2715.290)
total time= 3.8s
[CV 3/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1707.692, test=-2804.843)
total time= 7.6s
[CV 5/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1653.125, test=-2751.275)
total time= 7.6s
[CV 1/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1150.126, test=-2593.540)
total time= 19.4s
[CV 4/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-597.158, test=-2708.782)
total time= 38.7s
[CV 2/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1124.303, test=-2552.607)
total time= 19.3s
[CV 5/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-596.281, test=-2897.040)
total time= 38.4s
[CV 3/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1212.724, test=-2882.732)

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total time= 19.3s
[CV 1/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2501.651, test=-2447.946)
total time= 0.8s
[CV 2/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2525.161, test=-2354.079)
total time= 0.8s
[CV 3/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2435.919, test=-2771.350)
total time= 0.7s
[CV 5/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2436.532, test=-2737.215)
total time= 0.8s
[CV 2/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2382.133, test=-2333.780)
total time= 1.5s
[CV 5/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2318.769, test=-2701.096)
total time= 1.5s
[CV 3/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2050.055, test=-2762.128)
total time= 3.7s
[CV 1/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1825.099, test=-2487.026)
total time= 7.6s
[CV 4/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1871.383, test=-2584.703)
total time= 7.7s
[CV 4/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

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[CV 4/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1430.406, test=-2670.107)
total time= 15.3s

[CV 2/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 2/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-721.223, test=-2621.747)
total time= 37.8s

[CV 3/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 3/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1368.996, test=-2931.291)
total time= 15.1s

[CV 1/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 1/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-696.955, test=-2667.045)
total time= 37.6s

[CV 2/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1419.120, test=-2521.999)
total time= 15.3s

[CV 5/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1175.898, test=-2814.192)
total time= 19.1s

[CV 3/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 3/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2311.325, test=-2748.612)
total time= 1.5s

[CV 1/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 1/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2153.310, test=-2452.403)
total time= 3.8s

[CV 4/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 4/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2148.000, test=-2557.897)
total time= 3.8s

[CV 2/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 2/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1864.332, test=-2450.559)
total time= 7.7s

[CV 1/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 1/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2384.765, test=-2412.348) total time= 1.5s
[CV 3/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 3/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2306.563, test=-2741.245) total time= 1.5s
[CV 1/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 1/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-2109.504, test=-2449.035) total time= 3.8s
[CV 4/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 4/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-2108.316, test=-2553.479) total time= 3.8s
[CV 2/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 2/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-1736.889, test=-2465.844) total time= 7.6s
[CV 5/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 5/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-1683.295, test=-2756.223) total time= 7.6s
[CV 1/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 1/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-1183.457, test=-2578.356) total time= 19.4s
[CV 4/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 4/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-597.158, test=-2701.903) total time= 38.5s
[CV 2/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 2/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-1226.158, test=-2570.371) total time= 19.2s
[CV 5/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 5/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500;; score=(train=-635.534, test=-2881.111)
total time= 38.4s
[CV 3/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1229.281, test=-2969.309)
total time= 19.2s
[CV 1/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2501.651, test=-2447.420)
total time= 0.7s
[CV 2/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2525.161, test=-2351.221)
total time= 0.8s
[CV 4/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2476.438, test=-2588.699)
total time= 0.8s
[CV 1/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2387.485, test=-2421.965)
total time= 1.5s
[CV 3/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2311.325, test=-2748.521)
total time= 1.5s
[CV 1/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2153.885, test=-2455.045)
total time= 3.8s
[CV 4/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2148.000, test=-2558.479)
total time= 3.8s
[CV 2/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1861.134, test=-2450.467)
total time= 7.6s
[CV 5/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100
[CV 5/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1746.053, test=-2717.352)
total time= 7.6s
[CV 1/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1222.972, test=-2583.395)
total time= 18.9s
[CV 4/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-798.253, test=-2778.984)
total time= 38.6s
[CV 2/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1245.972, test=-2530.996)
total time= 19.3s
[CV 5/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-689.150, test=-2890.013)
total time= 38.2s
[CV 3/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1215.004, test=-2943.686)
total time= 19.3s
[CV 1/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2507.572, test=-2444.229)
total time= 0.8s
[CV 3/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2433.013, test=-2774.089)
total time= 0.8s
[CV 5/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2443.920, test=-2736.098)
total time= 0.8s
[CV 4/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1284.064, test=-2700.703)

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total time= 19.1s
[CV 4/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2476.438, test=-2588.699)
total time= 0.8s
[CV 1/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2387.485, test=-2422.584)
total time= 1.5s
[CV 4/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2362.890, test=-2554.706)
total time= 1.5s
[CV 2/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2159.739, test=-2384.418)
total time= 3.8s
[CV 5/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2066.868, test=-2691.915)
total time= 3.8s
[CV 3/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1767.958, test=-2825.978)
total time= 7.9s
[CV 1/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1404.414, test=-2543.006)
total time= 15.2s
[CV 4/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1284.064, test=-2700.055)
total time= 19.2s
[CV 2/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2535.798, test=-2358.265)
total time= 0.8s
[CV 4/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

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[CV 4/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2475.386, test=-2581.294)
total time= 0.7s
[CV 1/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2390.121, test=-2413.560)
total time= 1.5s
[CV 4/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2366.314, test=-2544.923)
total time= 1.5s
[CV 2/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2175.829, test=-2383.555)
total time= 3.8s
[CV 5/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2097.515, test=-2703.950)
total time= 3.8s
[CV 3/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1808.523, test=-2822.450)
total time= 7.6s
[CV 1/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1436.049, test=-2542.989)
total time= 15.4s
[CV 4/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1339.719, test=-2705.195)
total time= 19.0s
[CV 3/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2433.013, test=-2774.089)
total time= 0.7s
[CV 5/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2443.920, test=-2736.098)
total time= 0.8s

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[CV 2/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 2/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2406.633, test=-2338.609) total time= 1.5s
[CV 5/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 5/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-2337.284, test=-2693.373) total time= 1.5s
[CV 3/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 3/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50;; score=(train=-2087.979, test=-2749.621) total time= 3.7s
[CV 1/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 1/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-1841.281, test=-2465.737) total time= 7.5s
[CV 4/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 4/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-1877.161, test=-2615.741) total time= 7.6s
[CV 5/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 5/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1380.664, test=-2773.250) total time= 15.2s
[CV 3/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 3/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-802.248, test=-3007.880) total time= 38.3s
[CV 4/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 4/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1458.948, test=-2686.971) total time= 15.2s
[CV 2/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1401.007, test=-2538.527) total time= 15.2s
[CV 5/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 5/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1175.898, test=-2813.020) total time= 19.1s

[CV 4/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 4/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2362.890, test=-2554.811) total time= 1.5s
[CV 2/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2159.741, test=-2384.462) total time= 3.8s
[CV 1/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 1/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1842.277, test=-2498.297) total time= 7.6s
[CV 4/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 4/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1871.383, test=-2583.904) total time= 7.7s
[CV 5/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 5/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1310.967, test=-2783.868) total time= 15.1s
[CV 2/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 2/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-730.722, test=-2645.166) total time= 37.8s
[CV 3/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 3/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-1367.932, test=-2933.732) total time= 15.3s
[CV 1/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 1/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-725.685, test=-2652.007) total time= 38.1s
[CV 2/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 2/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-1420.893, test=-2504.522) total time= 15.3s
[CV 5/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 5/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-1175.898, test=-2809.830)
total time= 19.1s
[CV 3/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2324.256, test=-2747.601)
total time= 1.5s
[CV 1/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2149.175, test=-2427.994)
total time= 3.8s
[CV 4/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2151.983, test=-2557.344)
total time= 3.8s
[CV 2/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1879.337, test=-2471.750)
total time= 7.7s
[CV 5/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1800.820, test=-2718.429)
total time= 7.6s
[CV 1/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1248.047, test=-2582.705)
total time= 18.9s
[CV 4/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-864.401, test=-2775.625)
total time= 38.3s
[CV 2/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1321.217, test=-2594.425)
total time= 19.1s
[CV 5/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-764.898, test=-2856.526)
total time= 37.8s
[CV 3/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=250
[CV 3/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1279.440, test=-2941.448)
total time= 18.9s
[CV 1/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2507.572, test=-2444.013)
total time= 0.8s
[CV 2/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2535.798, test=-2354.638)
total time= 0.8s
[CV 4/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2475.386, test=-2581.294)
total time= 0.8s
[CV 1/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2390.121, test=-2414.082)
total time= 1.5s
[CV 4/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2366.314, test=-2544.923)
total time= 1.5s
[CV 2/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2175.829, test=-2383.419)
total time= 3.8s
[CV 5/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2066.868, test=-2693.477)
total time= 3.8s
[CV 3/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1767.957, test=-2827.400)
total time= 7.6s
[CV 1/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1404.414, test=-2540.953)

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total time= 15.3s
[CV 4/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1284.064, test=-2703.947)
total time= 19.3s
[CV 5/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2436.532, test=-2737.113)
total time= 0.8s
[CV 2/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2382.133, test=-2338.937)
total time= 1.5s
[CV 5/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2318.769, test=-2701.096)
total time= 1.6s
[CV 3/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2050.055, test=-2762.083)
total time= 3.8s
[CV 1/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1825.099, test=-2489.470)
total time= 7.6s
[CV 4/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1871.383, test=-2581.932)
total time= 7.7s
[CV 4/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1430.406, test=-2673.020)
total time= 15.1s
[CV 2/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-730.722, test=-2642.299)
total time= 38.0s
[CV 3/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

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[CV 3/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1368.996, test=-2931.492)
total time= 15.3s

[CV 1/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-696.955, test=-2667.770)
total time= 37.9s

[CV 2/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 2/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1458.875, test=-2564.865)
total time= 15.1s

[CV 5/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 5/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1233.254, test=-2786.974)
total time= 18.9s

[CV 3/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 3/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2324.256, test=-2747.601)
total time= 1.5s

[CV 1/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 1/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2149.175, test=-2428.328)
total time= 3.8s

[CV 4/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 4/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2151.983, test=-2558.621)
total time= 3.8s

[CV 2/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 2/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1879.337, test=-2464.463)
total time= 7.6s

[CV 5/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 5/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1839.245, test=-2723.540)
total time= 7.6s

[CV 1/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 1/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1248.047, test=-2581.602)
total time= 18.6s

[CV 4/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 4/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-864.401, test=-2780.725)
total time= 37.9s
[CV 2/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 2/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1321.217, test=-2595.108)
total time= 18.9s
[CV 5/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 5/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-765.935, test=-2869.040)
total time= 37.8s
[CV 3/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 3/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-1277.480, test=-2942.872)
total time= 18.9s
[CV 1/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 1/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-2262.077, test=-2455.762)
total time= 1.1s
[CV 2/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 2/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-2304.606, test=-2376.553)
total time= 1.1s
[CV 4/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 3/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 3/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1767.958, test=-2826.924)
total time= 7.6s
[CV 5/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 5/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1746.053, test=-2717.040)
total time= 7.6s
[CV 1/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 1/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-1186.323, test=-2575.809)
total time= 19.1s
[CV 4/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500
[CV 4/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-798.253, test=-2779.392)
total time= 38.7s
[CV 2/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1245.972, test=-2537.553)
total time= 18.8s
[CV 5/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-694.490, test=-2870.056)
total time= 38.2s
[CV 3/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1279.440, test=-2939.108)
total time= 19.2s
[CV 1/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2507.572, test=-2443.861)
total time= 0.8s
[CV 2/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2535.798, test=-2360.101)
total time= 0.8s
[CV 4/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2475.386, test=-2581.294)
total time= 0.8s
[CV 1/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2390.121, test=-2414.020)
total time= 1.5s
[CV 4/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2366.314, test=-2544.921)
total time= 1.5s
[CV 2/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2181.950, test=-2379.283)

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total time= 3.8s
[CV 5/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2091.415, test=-2704.229)
total time= 3.8s
[CV 3/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1808.523, test=-2821.899)
total time= 7.6s
[CV 1/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1436.049, test=-2545.925)
total time= 15.0s
[CV 4/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1339.718, test=-2705.531)
total time= 19.0s
[CV 4/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2475.386, test=-2581.294)
total time= 0.8s
[CV 1/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2390.121, test=-2413.160)
total time= 1.6s
[CV 3/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2324.256, test=-2747.564)
total time= 1.5s
[CV 1/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2149.175, test=-2428.401)
total time= 3.8s
[CV 4/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2151.983, test=-2558.172)
total time= 3.8s
[CV 2/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 2/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1879.337, test=-2470.455)
total time= 7.6s

[CV 5/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 5/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1839.245, test=-2723.673)
total time= 7.6s

[CV 1/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1248.047, test=-2583.960)
total time= 18.7s

[CV 4/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-864.401, test=-2781.249)
total time= 38.2s

[CV 2/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1321.217, test=-2591.959)
total time= 19.0s

[CV 5/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 5/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-764.898, test=-2857.453)
total time= 38.1s

[CV 5/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2318.769, test=-2701.568)
total time= 1.5s

[CV 3/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 3/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2085.365, test=-2771.056)
total time= 3.8s

[CV 1/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 1/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1842.277, test=-2498.004)
total time= 7.6s

[CV 4/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 4/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1871.383, test=-2586.195)
total time= 7.7s

[CV 4/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1430.406, test=-2668.025)
total time= 15.3s

[CV 2/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-748.432, test=-2652.892)
total time= 38.3s

[CV 3/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1447.501, test=-2915.669)
total time= 15.4s

[CV 1/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-764.484, test=-2670.083)
total time= 38.0s

[CV 2/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1458.875, test=-2557.995)
total time= 15.2s

[CV 5/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 5/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1218.535, test=-2778.774)
total time= 18.9s

[CV 4/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 4/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2366.314, test=-2544.856)
total time= 1.5s

[CV 2/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 2/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2175.829, test=-2382.508)
total time= 3.8s

[CV 5/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 5/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2091.415, test=-2703.770)
total time= 3.8s

[CV 3/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 3/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1810.232, test=-2821.520)
total time= 7.6s

[CV 1/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 1/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1381.518, test=-2546.303) total time= 15.0s
[CV 4/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 4/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1339.718, test=-2705.125) total time= 19.0s
[CV 3/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 3/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2433.013, test=-2774.089) total time= 0.7s
[CV 5/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 5/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2443.920, test=-2736.098) total time= 0.8s
[CV 2/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 2/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2406.633, test=-2334.623) total time= 1.5s
[CV 5/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 5/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2337.284, test=-2693.373) total time= 1.5s
[CV 3/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 3/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2079.121, test=-2749.606) total time= 3.8s
[CV 1/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 1/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1841.281, test=-2466.750) total time= 7.5s
[CV 4/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 4/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1877.161, test=-2615.664) total time= 7.6s
[CV 4/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 4/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-1458.946, test=-2688.264)
total time= 15.1s
[CV 2/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-816.641, test=-2689.323)
total time= 37.9s
[CV 5/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-674.655, test=-2865.470)
total time= 11.3s
[CV 2/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-202.122, test=-2663.822)
total time= 29.3s
[CV 1/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2271.826, test=-2451.136)
total time= 1.1s
[CV 2/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1746.053, test=-2718.274)
total time= 7.6s
[CV 1/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1241.901, test=-2562.424)
total time= 19.0s
[CV 4/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-798.253, test=-2776.780)
total time= 38.5s
[CV 2/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1321.217, test=-2594.026)
total time= 19.0s
[CV 5/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-766.236, test=-2832.602)

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total time= 38.3s
[CV 3/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1235.545, test=-2918.209)
total time= 19.1s
[CV 1/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2507.572, test=-2444.229)
total time= 0.8s
[CV 2/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2535.798, test=-2358.028)
total time= 0.8s
[CV 3/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2433.013, test=-2774.089)
total time= 0.8s
[CV 5/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2443.920, test=-2736.098)
total time= 0.8s
[CV 2/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2406.633, test=-2337.837)
total time= 1.5s
[CV 5/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2337.284, test=-2693.373)
total time= 1.5s
[CV 3/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2087.979, test=-2749.952)
total time= 3.8s
[CV 1/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1841.281, test=-2462.531)
total time= 7.6s
[CV 4/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 4/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1877.161, test=-2616.742)
total time= 7.7s

[CV 5/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 5/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1397.266, test=-2759.880)
total time= 15.2s

[CV 3/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 3/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-808.836, test=-3019.060)
total time= 38.3s

[CV 5/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 5/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1380.664, test=-2774.217)
total time= 15.2s

[CV 3/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 3/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-802.248, test=-3007.967)
total time= 38.4s

[CV 2/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 2/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-341.602, test=-2630.387)
total time= 23.6s

[CV 5/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 5/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-128.987, test=-2912.555)
total time= 28.5s

[CV 4/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 4/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2060.891, test=-2588.409)
total time= 2.3s

[CV 2/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 2/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1510.084, test=-2463.758)
total time= 5.7s

[CV 5/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 5/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1379.644, test=-2799.353)
total time= 5.6s

[CV 3/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 3/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-800.736, test=-2858.178)
total time= 11.4s

[CV 1/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 1/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-357.488, test=-2570.117)
total time= 23.2s

[CV 4/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 4/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-230.812, test=-2764.496)
total time= 29.4s

[CV 4/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=10
[CV 4/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=10;; score=(train=-2303.109, test=-2595.209)
total time= 1.1s

[CV 3/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-702.504, test=-2974.316)
total time= 39.2s

[CV 5/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 5/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1310.968, test=-2782.468)
total time= 15.3s

[CV 3/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 3/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-728.586, test=-3013.501)
total time= 38.1s

[CV 4/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 4/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1430.406, test=-2670.522)
total time= 15.5s

[CV 3/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 3/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-731.045, test=-3056.400)
total time= 38.6s

[CV 5/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 5/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-1310.968, test=-2781.218)
total time= 15.4s

[CV 3/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 3/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-728.586, test=-3014.006) total time= 38.6s
[CV 5/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 5/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-1310.967, test=-2785.430) total time= 15.0s
[CV 3/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 3/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-728.586, test=-3017.296) total time= 38.4s
[CV 4/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 4/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-1458.946, test=-2687.562) total time= 15.3s
[CV 2/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 2/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-816.641, test=-2688.053) total time= 37.8s
[CV 3/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 3/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1447.501, test=-2916.146) total time= 15.2s
[CV 1/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 1/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-764.484, test=-2666.525) total time= 37.7s
[CV 2/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 2/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1458.875, test=-2567.333) total time= 15.1s
[CV 5/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 5/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1218.535, test=-2778.810) total time= 18.8s
[CV 3/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20;; score=(train=-2324.256, test=-2747.624)
total time= 1.5s
[CV 1/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2149.175, test=-2428.259)
total time= 3.8s
[CV 4/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2151.983, test=-2558.714)
total time= 3.7s
[CV 2/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1879.337, test=-2467.953)
total time= 7.6s
[CV 5/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1839.245, test=-2722.749)
total time= 7.7s
[CV 1/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1248.047, test=-2586.328)
total time= 18.9s
[CV 4/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-864.401, test=-2779.825)
total time= 38.4s
[CV 5/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-236.365, test=-2888.510)
total time= 23.1s
[CV 3/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-10.785, test=-2966.581)
total time= 57.8s
[CV 1/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-209.637, test=-2583.525)
total time= 29.2s
[CV 4/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500
[CV 4/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-24.624, test=-2770.990)
total time= 58.5s
[CV 2/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-336.660, test=-2598.211)
total time= 29.1s
[CV 5/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-44.743, test=-2894.386)
total time= 57.5s
[CV 3/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2406.633, test=-2337.985)
total time= 1.5s
[CV 5/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2337.284, test=-2693.373)
total time= 1.5s
[CV 3/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2087.979, test=-2749.536)
total time= 3.8s
[CV 1/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1841.281, test=-2464.774)
total time= 7.6s
[CV 4/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1877.162, test=-2618.146)
total time= 7.7s
[CV 5/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1397.266, test=-2760.801)
total time= 15.3s
[CV 3/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

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[CV 3/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=500;; score=(train=-802.248, test=-3010.477)
 total time= 37.8s
 [CV 4/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=5, n_estimators=200
 [CV 4/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=5, n_estimators=200;; score=(train=-1458.946, test=-2687.499)
 total time= 15.0s
 [CV 2/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=5, n_estimators=500
 [CV 2/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=5, n_estimators=500;; score=(train=-816.641, test=-2690.601)
 total time= 37.6s
 [CV 3/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=10, n_estimators=200
 [CV 3/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=10, n_estimators=200;; score=(train=-1421.452, test=-2901.029)
 total time= 15.2s
 [CV 1/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=10, n_estimators=500
 [CV 1/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=10, n_estimators=500;; score=(train=-764.484, test=-2669.757)
 total time= 37.7s
 [CV 2/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=15, n_estimators=200
 [CV 2/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=15, n_estimators=200;; score=(train=-1458.875, test=-2557.523)
 total time= 15.1s
 [CV 5/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=15, n_estimators=250
 [CV 5/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
 min_samples_split=15, n_estimators=250;; score=(train=-1218.535, test=-2780.342)
 total time= 18.9s
 [CV 2/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
 min_samples_split=2, n_estimators=20
 [CV 2/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
 min_samples_split=2, n_estimators=20;; score=(train=-2015.378, test=-2404.055)
 total time= 2.2s
 [CV 5/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
 min_samples_split=2, n_estimators=20
 [CV 5/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
 min_samples_split=2, n_estimators=20;; score=(train=-2003.844, test=-2789.623)
 total time= 2.3s
 [CV 3/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
 min_samples_split=2, n_estimators=50
 [CV 3/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
 min_samples_split=2, n_estimators=50;; score=(train=-1393.332, test=-2817.986)
 total time= 5.6s

[CV 1/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100

[CV 1/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-810.603, test=-2553.651) total time= 11.4s

[CV 1/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200

[CV 1/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-284.968, test=-2553.795) total time= 23.1s

[CV 4/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250

[CV 4/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-188.290, test=-2721.311) total time= 29.5s

[CV 1/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50

[CV 1/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1401.091, test=-2517.850) total time= 5.7s

[CV 4/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50

[CV 4/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1549.746, test=-2641.004) total time= 5.8s

[CV 2/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100

[CV 2/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-969.306, test=-2512.462) total time= 11.7s

[CV 5/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100

[CV 5/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-792.146, test=-2862.392) total time= 11.5s

[CV 5/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200

[CV 5/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-300.855, test=-2882.781) total time= 23.3s

[CV 3/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500

[CV 3/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-14.745, test=-2955.069) total time= 57.5s

[CV 4/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200

[CV 4/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200;; score=(train=-479.423, test=-2729.626)
total time= 23.5s
[CV 3/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-50.077, test=-2962.493)
total time= 58.2s
[CV 5/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-477.051, test=-2896.327)
total time= 22.5s
[CV 5/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2097.515, test=-2703.231)
total time= 3.8s
[CV 3/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1793.569, test=-2813.980)
total time= 7.5s
[CV 1/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1381.518, test=-2549.693)
total time= 14.9s
[CV 4/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1339.718, test=-2707.360)
total time= 18.9s
[CV 3/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2185.845, test=-2778.923)
total time= 1.1s
[CV 5/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2251.824, test=-2797.130)
total time= 1.2s
[CV 3/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1947.825, test=-2757.881)
total time= 2.3s
[CV 1/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50;; score=(train=-1392.555, test=-2502.563)
total time= 5.9s
[CV 4/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1589.786, test=-2619.534)
total time= 5.9s
[CV 2/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-848.033, test=-2594.845)
total time= 11.6s
[CV 3/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-263.193, test=-2951.540)
total time= 23.2s
[CV 1/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-16.954, test=-2594.620)
total time= 58.0s
[CV 3/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-266.043, test=-2935.979)
total time= 22.9s
[CV 1/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-23.665, test=-2579.683)
total time= 58.5s
[CV 3/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-385.241, test=-2922.130)
total time= 23.1s
[CV 1/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-58.235, test=-2608.333)
total time= 58.0s
[CV 2/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-636.578, test=-2554.353)
total time= 23.2s
[CV 5/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250
[CV 5/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-346.970, test=-2910.488)
total time= 28.4s
[CV 5/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2085.092, test=-2741.571)
total time= 2.3s
[CV 3/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1554.223, test=-2828.475)
total time= 5.5s
[CV 1/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1016.126, test=-2582.241)
total time= 11.2s
[CV 4/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1006.953, test=-2677.939)
total time= 11.2s
[CV 2/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-503.565, test=-2652.831)
total time= 22.6s
[CV 5/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-349.057, test=-2894.907)
total time= 28.9s
[CV 2/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1635.076, test=-2468.385)
total time= 5.6s
[CV 5/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1549.333, test=-2783.018)
total time= 5.6s
[CV 3/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1089.740, test=-2893.356)

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total time= 11.3s
[CV 1/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-523.668, test=-2663.542)
total time= 22.7s
[CV 3/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 1/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-209.020, test=-2531.649)
total time= 29.4s
[CV 4/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-21.896, test=-2738.681)
total time= 58.7s
[CV 3/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-170.237, test=-2926.558)
total time= 28.6s
[CV 1/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2307.401, test=-2460.494)
total time= 1.1s
[CV 2/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2338.529, test=-2369.328)
total time= 1.1s
[CV 3/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2220.257, test=-2791.759)
total time= 1.1s
[CV 5/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2290.732, test=-2798.869)
total time= 1.2s
[CV 2/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2075.699, test=-2395.955)

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total time= 2.2s
[CV 4/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2088.767, test=-2570.011)
total time= 2.2s
[CV 2/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1582.311, test=-2487.326)
total time= 5.6s
[CV 5/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1529.832, test=-2789.425)
total time= 5.7s
[CV 3/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-978.688, test=-2854.728)
total time= 11.3s
[CV 1/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-452.255, test=-2555.578)
total time= 23.0s
[CV 3/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-283.659, test=-2936.447)
total time= 28.8s
[CV 1/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2334.682, test=-2465.609)
total time= 1.1s
[CV 2/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2383.071, test=-2375.138)
total time= 1.1s
[CV 3/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2265.428, test=-2773.287)
total time= 1.1s
[CV 5/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

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[CV 5/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2315.342, test=-2809.807)
total time= 1.2s

[CV 2/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 2/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2141.225, test=-2365.814)
total time= 2.2s

[CV 4/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 4/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2125.096, test=-2581.704)
total time= 2.3s

[CV 2/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 2/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1690.225, test=-2462.091)
total time= 5.6s

[CV 5/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 5/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1590.344, test=-2833.763)
total time= 5.6s

[CV 3/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 3/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1091.874, test=-2854.360)
total time= 11.3s

[CV 5/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 5/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1053.816, test=-2854.758)
total time= 11.4s

[CV 1/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 1/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-501.979, test=-2607.449)
total time= 29.2s

[CV 4/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 4/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-152.963, test=-2805.202)
total time= 58.9s

[CV 2/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 2/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-353.266, test=-2660.772)
total time= 28.1s

[CV 5/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 5/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-80.315, test=-2919.035)
total time= 57.0s
[CV 2/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2341.112, test=-2402.649)
total time= 1.2s
[CV 3/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 3/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2210.010, test=-2776.554)
total time= 1.1s
[CV 4/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 4/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2278.241, test=-2611.280)
total time= 1.1s
[CV 5/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 5/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2266.726, test=-2809.449)
total time= 1.2s
[CV 1/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 1/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-1979.273, test=-2463.471)
total time= 2.2s
[CV 2/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 2/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2062.622, test=-2399.469)
total time= 2.3s
[CV 3/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 3/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-1928.290, test=-2760.444)
total time= 2.2s
[CV 5/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 5/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2007.956, test=-2779.533)
total time= 2.3s
[CV 3/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 3/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1370.916, test=-2800.931)
total time= 5.6s

[CV 1/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 1/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-797.607, test=-2529.561) total time= 11.5s
[CV 4/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 4/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-892.979, test=-2697.537) total time= 11.6s
[CV 2/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 2/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-340.171, test=-2587.780) total time= 23.4s
[CV 5/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 5/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-174.820, test=-2890.590) total time= 28.7s
[CV 5/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 5/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-2082.123, test=-2766.794) total time= 2.3s
[CV 3/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 3/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50;; score=(train=-1525.239, test=-2773.169) total time= 5.6s
[CV 1/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 1/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-990.548, test=-2536.763) total time= 11.4s
[CV 4/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 4/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-1068.749, test=-2687.412) total time= 11.6s
[CV 2/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 2/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-479.389, test=-2587.296) total time= 23.1s
[CV 5/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 5/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250;; score=(train=-266.919, test=-2890.551)
total time= 28.6s
[CV 5/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2107.266, test=-2769.716)
total time= 2.3s
[CV 3/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1600.225, test=-2782.910)
total time= 5.6s
[CV 1/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1164.629, test=-2555.010)
total time= 11.5s
[CV 4/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1214.989, test=-2687.482)
total time= 11.6s
[CV 4/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-659.432, test=-2740.137)
total time= 23.3s
[CV 3/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-89.973, test=-3030.570)
total time= 57.3s
[CV 4/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-505.968, test=-2754.560)
total time= 22.7s
[CV 1/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-83.314, test=-2672.804)
total time= 56.9s
[CV 2/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-503.565, test=-2650.059)
total time= 22.4s
[CV 5/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250
[CV 5/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-349.057, test=-2892.270)
total time= 28.4s
[CV 2/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-816.641, test=-2689.578)
total time= 37.7s
[CV 3/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1421.452, test=-2901.461)
total time= 15.2s
[CV 1/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-764.484, test=-2669.013)
total time= 38.1s
[CV 4/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-880.802, test=-2668.679)
total time= 11.8s
[CV 3/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-153.279, test=-2952.391)
total time= 28.8s
[CV 5/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-14.707, test=-2904.485)
total time= 57.3s
[CV 2/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-203.365, test=-2588.984)
total time= 28.9s
[CV 5/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-20.305, test=-2896.627)
total time= 58.2s
[CV 4/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-378.679, test=-2759.964)

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total time= 29.4s
[CV 4/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2331.832, test=-2601.062)
total time= 1.1s
[CV 1/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2125.788, test=-2458.839)
total time= 2.2s
[CV 3/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2032.954, test=-2750.756)
total time= 2.2s
[CV 1/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1668.404, test=-2515.839)
total time= 5.6s
[CV 4/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1750.775, test=-2621.613)
total time= 5.8s
[CV 2/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1186.434, test=-2509.254)
total time= 11.5s
[CV 1/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-663.047, test=-2597.218)
total time= 23.2s
[CV 4/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-490.213, test=-2780.172)
total time= 28.9s
[CV 5/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2321.874, test=-2769.308)
total time= 1.2s
[CV 2/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

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[CV 2/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2112.577, test=-2385.653)
total time= 2.2s
[CV 4/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2106.879, test=-2585.622)
total time= 2.2s
[CV 2/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1635.076, test=-2474.657)
total time= 5.5s
[CV 5/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1549.333, test=-2779.453)
total time= 5.6s
[CV 3/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1089.740, test=-2892.663)
total time= 11.3s
[CV 5/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-993.592, test=-2845.113)
total time= 11.1s
[CV 1/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-374.476, test=-2665.785)
total time= 28.3s
[CV 4/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-88.210, test=-2803.176)
total time= 57.4s
[CV 2/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-353.266, test=-2666.024)
total time= 28.4s
[CV 5/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-80.315, test=-2917.747)
total time= 57.5s

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[CV 3/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-368.142, test=-2971.977)
total time= 28.7s

[CV 1/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 1/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2330.535, test=-2480.100)
total time= 1.1s

[CV 2/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 2/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2358.852, test=-2378.658)
total time= 1.1s

[CV 3/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 3/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2260.653, test=-2803.602)
total time= 1.1s

[CV 4/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 4/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2324.179, test=-2605.855)
total time= 1.1s

[CV 1/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 1/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2127.597, test=-2445.622)
total time= 2.3s

[CV 3/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 3/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2003.775, test=-2784.404)
total time= 2.2s

[CV 1/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 1/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1607.927, test=-2494.901)
total time= 5.7s

[CV 4/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 4/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1603.681, test=-2607.370)
total time= 5.7s

[CV 2/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 2/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1087.698, test=-2572.918)
total time= 11.4s

[CV 1/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 1/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-579.962, test=-2627.979)
total time= 23.1s

[CV 4/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 4/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-357.867, test=-2771.515)
total time= 28.2s

[CV 3/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 3/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-2260.653, test=-2802.050)
total time= 1.1s

[CV 5/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 5/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-2321.874, test=-2768.770)
total time= 1.2s

[CV 2/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 2/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-2112.577, test=-2381.052)
total time= 2.2s

[CV 4/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 4/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-2106.879, test=-2585.345)
total time= 2.2s

[CV 1/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 1/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1607.927, test=-2497.091)
total time= 5.6s

[CV 4/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 4/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1603.681, test=-2608.777)
total time= 5.6s

[CV 2/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 2/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-1087.698, test=-2573.896)
total time= 11.3s

[CV 5/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 5/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=100;; score=(train=-993.592, test=-2842.534)
total time= 11.3s
[CV 1/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-374.476, test=-2665.382)
total time= 28.4s
[CV 4/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-88.210, test=-2802.999)
total time= 57.0s
[CV 2/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-353.266, test=-2660.490)
total time= 28.0s
[CV 5/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-80.315, test=-2911.979)
total time= 57.0s
[CV 3/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-488.122, test=-2945.876)
total time= 28.6s
[CV 1/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2363.691, test=-2471.794)
total time= 1.1s
[CV 2/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2388.503, test=-2346.660)
total time= 1.1s
[CV 3/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2317.748, test=-2776.869)
total time= 1.1s
[CV 4/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2363.663, test=-2602.285)
total time= 1.1s
[CV 1/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20
[CV 1/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2049.886, test=-2444.573)
total time= 2.2s
[CV 3/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1972.637, test=-2761.118)
total time= 2.2s
[CV 1/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1531.259, test=-2477.886)
total time= 5.6s
[CV 4/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1636.595, test=-2626.741)
total time= 5.7s
[CV 2/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1074.563, test=-2535.293)
total time= 11.5s
[CV 5/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-922.648, test=-2836.275)
total time= 11.3s
[CV 1/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-349.568, test=-2601.083)
total time= 28.8s
[CV 4/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-64.291, test=-2795.344)
total time= 57.9s
[CV 2/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-501.603, test=-2583.882)
total time= 29.1s
[CV 5/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-109.532, test=-2921.669)

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total time= 58.3s
[CV 3/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-400.349, test=-2979.885)
total time= 28.7s
[CV 1/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2330.535, test=-2478.192)
total time= 1.1s
[CV 2/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2358.852, test=-2379.293)
total time= 1.1s
[CV 4/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2324.179, test=-2605.939)
total time= 1.1s
[CV 1/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2127.597, test=-2447.653)
total time= 2.3s
[CV 3/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2003.775, test=-2783.316)
total time= 2.2s
[CV 5/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2085.092, test=-2742.487)
total time= 2.3s
[CV 3/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1554.223, test=-2826.269)
total time= 5.6s
[CV 1/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1016.126, test=-2580.665)
total time= 11.2s
[CV 4/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

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[CV 4/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1027.688, test=-2663.807)
total time= 11.2s

[CV 4/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 4/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-505.968, test=-2752.730)
total time= 22.7s

[CV 2/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 2/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-79.895, test=-2689.744)
total time= 56.8s

[CV 4/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 4/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-505.968, test=-2752.286)
total time= 22.6s

[CV 1/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 1/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-83.314, test=-2676.441)
total time= 57.1s

[CV 3/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 3/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-638.559, test=-2931.025)
total time= 23.0s

[CV 1/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 1/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-164.699, test=-2634.930)
total time= 57.6s

[CV 2/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-712.966, test=-2589.794)
total time= 22.2s

[CV 5/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 5/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-536.261, test=-2848.707)
total time= 27.7s

[CV 3/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 3/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-400.349, test=-2978.764)
total time= 28.8s

[CV 1/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2341.582, test=-2472.304)
total time= 1.1s
[CV 2/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2376.095, test=-2385.941)
total time= 1.1s
[CV 3/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2268.819, test=-2794.403)
total time= 1.1s
[CV 5/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2331.806, test=-2756.579)
total time= 1.2s
[CV 2/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2185.758, test=-2365.961)
total time= 2.2s
[CV 4/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2140.389, test=-2579.721)
total time= 2.2s
[CV 2/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1752.485, test=-2442.084)
total time= 5.6s
[CV 5/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1607.322, test=-2760.554)
total time= 5.6s
[CV 3/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1171.047, test=-2860.307)
total time= 11.3s
[CV 1/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,


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min_samples_split=15, n_estimators=200;; score=(train=-734.457, test=-2572.532)
total time= 23.2s
[CV 4/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-538.304, test=-2749.659)
total time= 28.7s
[CV 5/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2340.739, test=-2740.273)
total time= 1.1s
[CV 2/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2152.312, test=-2361.963)
total time= 2.1s
[CV 4/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2160.666, test=-2582.072)
total time= 2.1s
[CV 2/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1758.281, test=-2432.616)
total time= 5.5s
[CV 5/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1692.310, test=-2740.139)
total time= 5.6s
[CV 3/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1263.587, test=-2855.180)
total time= 11.2s
[CV 1/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-734.129, test=-2666.853)
total time= 22.4s
[CV 4/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-621.822, test=-2768.559)
total time= 28.1s
[CV 3/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10
[CV 3/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2317.748, test=-2777.275)
total time= 1.1s
[CV 5/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2340.739, test=-2739.612)
total time= 1.1s
[CV 2/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2152.312, test=-2362.535)
total time= 2.1s
[CV 4/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2160.666, test=-2582.658)
total time= 2.1s
[CV 2/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1758.280, test=-2428.709)
total time= 5.4s
[CV 5/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1685.407, test=-2747.881)
total time= 5.6s
[CV 3/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1202.882, test=-2884.860)
total time= 11.0s
[CV 1/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-734.130, test=-2663.603)
total time= 22.3s
[CV 4/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2271.694, test=-2593.871)
total time= 1.1s
[CV 1/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1992.183, test=-2447.074)

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total time= 2.2s
[CV 4/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2054.706, test=-2576.573)
total time= 2.3s
[CV 2/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1415.576, test=-2505.410)
total time= 5.7s
[CV 5/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1292.254, test=-2822.106)
total time= 5.6s
[CV 3/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-757.224, test=-2944.590)
total time= 11.4s
[CV 4/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-312.707, test=-2733.735)
total time= 23.7s
[CV 2/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-24.635, test=-2670.746)
total time= 58.4s
[CV 4/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-362.584, test=-2757.419)
total time= 23.3s
[CV 2/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-26.333, test=-2609.287)
total time= 58.1s
[CV 5/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-370.168, test=-2888.131)
total time= 22.8s
[CV 2/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

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[CV 2/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-69.616, test=-2624.629)
total time= 58.0s
[CV 3/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-539.393, test=-2949.565)
total time= 23.0s
[CV 1/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-135.786, test=-2641.091)
total time= 58.9s
[CV 5/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-483.044, test=-2888.863)
total time= 22.9s
[CV 3/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-76.636, test=-3007.360)
total time= 57.2s
[CV 5/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-483.044, test=-2884.100)
total time= 22.6s
[CV 3/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-76.636, test=-3005.225)
total time= 56.6s
[CV 3/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-545.447, test=-2970.321)
total time= 22.8s
[CV 2/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-79.948, test=-2687.599)
total time= 56.9s
[CV 2/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-696.427, test=-2598.586)
total time= 23.1s

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[CV 5/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 5/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-488.441, test=-2874.855) total time= 28.8s
[CV 5/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 5/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2131.357, test=-2702.460) total time= 2.3s
[CV 3/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 3/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-1725.211, test=-2802.953) total time= 5.6s
[CV 1/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 1/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-1235.763, test=-2587.314) total time= 11.3s
[CV 4/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 4/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-1321.262, test=-2660.515) total time= 11.4s
[CV 5/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 5/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-680.223, test=-2837.226) total time= 22.3s
[CV 3/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 3/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-183.959, test=-3026.438) total time= 56.4s
[CV 5/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 5/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-680.223, test=-2835.286) total time= 22.2s
[CV 4/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 4/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2106.879, test=-2586.909) total time= 2.2s
[CV 2/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 2/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50;; score=(train=-1635.076, test=-2466.699)
total time= 5.6s
[CV 5/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1549.333, test=-2782.394)
total time= 5.5s
[CV 3/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1089.740, test=-2887.097)
total time= 11.3s
[CV 1/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-554.629, test=-2607.200)
total time= 22.9s
[CV 4/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-357.867, test=-2774.949)
total time= 28.4s
[CV 4/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2351.569, test=-2589.377)
total time= 1.1s
[CV 1/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2140.809, test=-2438.903)
total time= 2.2s
[CV 3/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2053.463, test=-2767.729)
total time= 2.2s
[CV 1/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1667.056, test=-2469.968)
total time= 5.5s
[CV 4/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1699.417, test=-2616.763)
total time= 5.6s
[CV 2/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100
[CV 2/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1219.910, test=-2511.553)
total time= 11.5s
[CV 5/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1089.426, test=-2787.174)
total time= 11.3s
[CV 1/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-590.146, test=-2586.737)
total time= 29.2s
[CV 4/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-146.152, test=-2785.161)
total time= 57.6s
[CV 2/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-531.470, test=-2580.949)
total time= 27.3s
[CV 5/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-191.231, test=-2932.875)
total time= 56.1s
[CV 3/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-518.315, test=-2989.878)
total time= 27.8s
[CV 1/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2363.691, test=-2473.516)
total time= 1.1s
[CV 3/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2317.748, test=-2776.995)
total time= 1.1s
[CV 5/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2340.739, test=-2739.591)

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total time= 1.1s
[CV 2/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2152.312, test=-2351.946)
total time= 2.2s
[CV 5/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2131.357, test=-2702.381)
total time= 2.3s
[CV 3/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1725.211, test=-2803.692)
total time= 5.5s
[CV 1/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1235.763, test=-2589.282)
total time= 11.1s
[CV 4/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1321.262, test=-2660.026)
total time= 11.3s
[CV 5/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-705.903, test=-2899.014)
total time= 22.5s
[CV 3/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-180.886, test=-3035.426)
total time= 56.0s[CV 3/5; 601/2352] END learning_rate=0.075, max_depth=8,
min_samples_leaf=5, min_samples_split=5, n_estimators=250;;
score=(train=-400.349, test=-2979.035) total time= 28.7s
[CV 2/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2358.852, test=-2383.085)
total time= 1.1s
[CV 4/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2324.179, test=-2605.929)
total time= 1.1s

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[CV 1/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 1/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2127.597, test=-2447.155) total time= 2.2s
[CV 3/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 3/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2003.775, test=-2785.172) total time= 2.1s
[CV 1/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 1/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-1607.927, test=-2494.682) total time= 5.6s
[CV 4/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 4/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-1603.681, test=-2604.694) total time= 5.6s
[CV 2/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 2/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-1087.698, test=-2569.570) total time= 11.3s
[CV 5/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 5/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-993.592, test=-2844.273) total time= 11.3s
[CV 1/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 1/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-374.476, test=-2669.963) total time= 28.3s
[CV 4/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 4/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-88.210, test=-2797.700) total time= 57.0s
[CV 2/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 2/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-532.576, test=-2620.284) total time= 28.4s
[CV 5/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 5/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500;; score=(train=-149.954, test=-2891.165)
total time= 57.1s
[CV 3/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-518.315, test=-2991.661)
total time= 27.8s
[CV 1/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2363.691, test=-2473.849)
total time= 1.1s
[CV 2/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2388.503, test=-2347.083)
total time= 1.1s
[CV 4/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2363.663, test=-2602.124)
total time= 1.1s
[CV 1/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2145.374, test=-2449.884)
total time= 2.1s
[CV 3/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2101.389, test=-2756.560)
total time= 2.1s
[CV 1/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1725.940, test=-2509.461)
total time= 5.4s
[CV 4/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1739.162, test=-2626.601)
total time= 5.5s
[CV 2/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1227.477, test=-2527.905)
total time= 10.9s
[CV 5/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100
[CV 5/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1190.113, test=-2827.958)
total time= 11.1s
[CV 1/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-586.372, test=-2683.830)
total time= 28.0s
[CV 4/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-225.327, test=-2812.409)
total time= 56.4s
[CV 2/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-559.065, test=-2578.351)
total time= 28.3s
[CV 5/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-191.231, test=-2933.809)
total time= 56.7s
[CV 3/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-518.315, test=-2987.830)
total time= 27.8s
[CV 1/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-357.867, test=-2770.620)
total time= 28.3s
[CV 1/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2330.535, test=-2477.996)
total time= 1.1s
[CV 3/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2260.653, test=-2801.353)
total time= 1.1s
[CV 5/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 5/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2321.874, test=-2769.308)
total time= 1.2s
[CV 2/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2112.577, test=-2381.523)
total time= 2.2s
[CV 5/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2085.092, test=-2741.854)
total time= 2.3s
[CV 3/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1554.223, test=-2826.744)
total time= 5.6s
[CV 1/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1016.126, test=-2573.719)
total time= 11.2s
[CV 4/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1006.953, test=-2679.964)
total time= 11.3s
[CV 5/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-483.044, test=-2881.109)
total time= 22.8s
[CV 3/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-76.636, test=-3011.892)
total time= 57.0s
[CV 4/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-684.294, test=-2732.221)
total time= 22.9s
[CV 2/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-138.600, test=-2672.785)
total time= 57.0s

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[CV 3/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 3/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-731.566, test=-2954.664) total time= 22.4s
[CV 1/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 1/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-183.300, test=-2723.007) total time= 55.9s
[CV 2/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 2/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-685.499, test=-2549.097) total time= 21.9s
[CV 5/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 5/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-539.301, test=-2917.685) total time= 28.1s
[CV 3/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 3/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2101.389, test=-2756.560) total time= 2.1s
[CV 1/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 1/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1725.940, test=-2511.703) total time= 5.4s
[CV 4/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 4/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1739.162, test=-2628.603) total time= 5.5s
[CV 2/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 2/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1263.243, test=-2488.962) total time= 11.1s
[CV 5/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 5/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1190.113, test=-2824.978) total time= 11.0s
[CV 1/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 1/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-586.372, test=-2682.715)
total time= 27.9s
[CV 4/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-225.327, test=-2809.784)
total time= 56.5s
[CV 2/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-547.272, test=-2627.926)
total time= 27.8s
[CV 5/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-183.808, test=-2914.931)
total time= 56.8s
[CV 3/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-671.705, test=-2975.542)
total time= 27.7s
[CV 2/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2409.149, test=-2362.507)
total time= 1.1s
[CV 4/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-621.822, test=-2766.961)
total time= 28.3s
[CV 2/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2388.503, test=-2351.437)
total time= 1.1s
[CV 4/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2363.663, test=-2602.076)
total time= 1.1s
[CV 1/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2145.374, test=-2450.968)
total time= 2.1s
[CV 4/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20;; score=(train=-2160.666, test=-2583.322)
total time= 2.1s
[CV 2/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1758.280, test=-2430.641)
total time= 5.5s
[CV 5/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1685.407, test=-2749.574)
total time= 5.5s
[CV 3/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1202.882, test=-2885.917)
total time= 11.0s
[CV 1/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-734.130, test=-2668.548)
total time= 22.1s
[CV 4/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-621.822, test=-2767.661)
total time= 28.4s
[CV 3/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2317.748, test=-2777.840)
total time= 1.1s
[CV 5/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2340.739, test=-2739.612)
total time= 1.1s
[CV 2/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2152.312, test=-2355.844)
total time= 2.1s
[CV 4/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2160.666, test=-2583.568)
total time= 2.2s
[CV 2/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50
[CV 2/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1756.424, test=-2422.950)
total time= 5.5s
[CV 5/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1685.407, test=-2749.361)
total time= 5.5s
[CV 3/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1263.587, test=-2853.690)
total time= 11.1s
[CV 1/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-734.130, test=-2664.167)
total time= 22.3s
[CV 4/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-621.822, test=-2769.920)
total time= 28.5s
[CV 3/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2337.735, test=-2763.406)
total time= 1.1s
[CV 5/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2334.285, test=-2738.297)
total time= 1.1s
[CV 2/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2209.087, test=-2353.546)
total time= 2.1s
[CV 5/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2154.494, test=-2697.567)
total time= 2.2s
[CV 3/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1759.536, test=-2780.239)

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total time= 5.3s
[CV 1/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1316.828, test=-2555.935)
total time= 10.9s
[CV 4/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1388.388, test=-2716.714)
total time= 10.9s
[CV 3/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-820.310, test=-2945.088)
total time= 22.0s
[CV 5/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-654.557, test=-2893.011)
total time= 27.5s
[CV 5/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2145.374, test=-2449.190)
total time= 2.2s
[CV 3/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2101.389, test=-2757.098)
total time= 2.1s
[CV 1/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1725.940, test=-2510.702)
total time= 5.4s
[CV 4/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1739.162, test=-2629.583)
total time= 5.5s
[CV 2/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1227.477, test=-2526.087)
total time= 11.0s

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[CV 5/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 5/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-1190.113, test=-2822.157) total time= 11.1s

[CV 1/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 1/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-545.295, test=-2689.388) total time= 27.8s

[CV 4/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 4/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-225.327, test=-2810.310) total time= 56.9s

[CV 2/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 2/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-548.744, test=-2601.727) total time= 28.0s

[CV 5/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 5/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-193.992, test=-2875.357) total time= 56.3s

[CV 3/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 3/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-529.970, test=-2988.350) total time= 28.2s

[CV 1/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 1/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2363.691, test=-2472.377) total time= 1.1s

[CV 2/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 2/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2388.503, test=-2352.522) total time= 1.1s

[CV 4/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 4/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2363.663, test=-2602.209) total time= 1.1s

[CV 1/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 1/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20;; score=(train=-2145.374, test=-2451.040)
total time= 2.2s
[CV 3/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2101.389, test=-2757.046)
total time= 2.2s
[CV 1/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1725.940, test=-2511.394)
total time= 5.5s
[CV 4/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1739.162, test=-2631.714)
total time= 5.5s
[CV 2/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1227.477, test=-2525.553)
total time= 11.0s
[CV 5/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1162.719, test=-2809.682)
total time= 11.1s
[CV 1/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-586.372, test=-2683.211)
total time= 28.0s
[CV 4/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-225.327, test=-2812.118)
total time= 56.5s
[CV 2/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-693.507, test=-2635.735)
total time= 27.5s
[CV 5/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-268.181, test=-2945.232)
total time= 56.0s
[CV 3/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 3/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-670.932, test=-2977.571)
total time= 27.6s
[CV 1/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2374.263, test=-2453.214)
total time= 1.0s
[CV 3/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2337.735, test=-2762.493)
total time= 1.1s
[CV 5/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2334.285, test=-2738.297)
total time= 1.0s
[CV 2/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-182.326, test=-2647.913)
total time= 56.3s
[CV 3/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-664.325, test=-2970.321)
total time= 22.3s
[CV 1/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-183.300, test=-2722.401)
total time= 56.1s
[CV 2/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-712.967, test=-2590.895)
total time= 22.3s
[CV 5/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-536.261, test=-2853.225)
total time= 27.3s
[CV 4/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2185.464, test=-2576.110)

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total time= 2.1s
[CV 2/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1862.148, test=-2446.558)
total time= 5.5s
[CV 5/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1738.828, test=-2748.161)
total time= 5.5s
[CV 3/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1324.097, test=-2863.569)
total time= 10.9s
[CV 1/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-821.488, test=-2620.725)
total time= 21.8s
[CV 4/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-709.601, test=-2793.472)
total time= 27.4s
[CV 1/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2374.263, test=-2453.598)
total time= 1.1s
[CV 3/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2337.735, test=-2762.436)
total time= 1.0s
[CV 5/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2334.285, test=-2738.277)
total time= 1.1s
[CV 2/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2209.087, test=-2355.675)
total time= 2.1s
[CV 4/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

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[CV 4/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2185.464, test=-2577.914)
total time= 2.1s

[CV 2/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 2/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1862.148, test=-2444.555)
total time= 5.6s

[CV 5/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 5/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1738.828, test=-2747.638)
total time= 5.5s

[CV 3/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 3/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1324.097, test=-2860.868)
total time= 10.6s

[CV 1/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 1/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-819.969, test=-2638.372)
total time= 21.9s

[CV 4/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 4/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-709.601, test=-2796.044)
total time= 27.3s

[CV 2/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 2/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2409.149, test=-2362.336)
total time= 1.1s

[CV 4/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 4/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2379.029, test=-2597.414)
total time= 1.1s

[CV 1/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 1/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2179.100, test=-2454.911)
total time= 2.1s

[CV 3/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 3/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2128.811, test=-2751.785)
total time= 2.1s

[CV 1/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 1/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-1798.565, test=-2508.044) total time= 5.4s

[CV 4/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 4/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-1807.129, test=-2619.344) total time= 5.4s

[CV 2/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 2/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-1426.653, test=-2544.476) total time= 11.0s

[CV 2/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 2/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-113.483, test=-2632.733) total time= 57.6s

[CV 3/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 3/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-545.447, test=-2969.591) total time= 23.0s

[CV 2/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 2/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-80.177, test=-2691.006) total time= 56.8s

[CV 3/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 3/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-545.447, test=-2967.859) total time= 23.0s

[CV 1/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-83.314, test=-2671.586) total time= 57.1s

[CV 2/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 2/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-545.109, test=-2651.948) total time= 22.7s

[CV 5/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 5/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250;; score=(train=-349.057, test=-2903.056)
total time= 28.5s
[CV 5/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2089.831, test=-2736.393)
total time= 2.2s
[CV 3/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1658.055, test=-2802.472)
total time= 5.5s
[CV 1/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1207.637, test=-2527.893)
total time= 11.2s
[CV 4/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1202.300, test=-2679.705)
total time= 11.4s
[CV 5/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-589.401, test=-2861.952)
total time= 22.8s
[CV 3/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-142.883, test=-2978.433)
total time= 57.6s
[CV 4/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-787.344, test=-2732.884)
total time= 22.7s
[CV 2/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-179.181, test=-2639.893)
total time= 56.4s
[CV 4/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-787.344, test=-2735.009)
total time= 22.7s
[CV 3/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500
[CV 3/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-180.886, test=-3042.669)
total time= 56.3s
[CV 4/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-787.344, test=-2732.716)
total time= 22.5s
[CV 2/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-179.181, test=-2634.059)
total time= 56.4s
[CV 4/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-787.344, test=-2738.550)
total time= 22.6s
[CV 2/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-169.792, test=-2665.029)
total time= 56.7s
[CV 4/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-841.318, test=-2773.277)
total time= 22.0s
[CV 2/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-272.541, test=-2707.417)
total time= 55.9s
[CV 2/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-867.549, test=-2611.696)
total time= 22.3s
[CV 2/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-272.541, test=-2707.366)
total time= 55.5s
[CV 2/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-867.549, test=-2618.345)

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total time= 22.3s
[CV 5/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-654.557, test=-2891.565)
total time= 27.9s
[CV 5/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2154.494, test=-2697.086)
total time= 2.2s
[CV 5/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2131.357, test=-2702.708)
total time= 2.2s
[CV 3/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1725.211, test=-2804.245)
total time= 5.5s
[CV 1/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1235.763, test=-2586.753)
total time= 11.0s
[CV 4/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1321.262, test=-2663.087)
total time= 11.3s
[CV 3/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-663.421, test=-2971.141)
total time= 22.2s
[CV 1/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-183.300, test=-2721.451)
total time= 55.9s
[CV 2/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-712.967, test=-2591.415)
total time= 22.3s
[CV 5/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 5/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-539.301, test=-2916.235)
total time= 28.2s

[CV 5/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 5/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2131.357, test=-2701.837)
total time= 2.3s

[CV 3/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 3/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1706.339, test=-2801.175)
total time= 5.4s

[CV 1/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 1/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1235.763, test=-2587.504)
total time= 11.0s

[CV 4/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 4/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1321.262, test=-2663.566)
total time= 11.3s

[CV 5/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 5/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-705.903, test=-2899.295)
total time= 22.5s

[CV 3/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 3/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-195.042, test=-3032.457)
total time= 56.8s

[CV 5/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 5/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-819.323, test=-2865.636)
total time= 22.2s

[CV 3/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 3/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-264.518, test=-3052.685)
total time= 56.3s

[CV 5/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 5/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-798.142, test=-2874.713)
total time= 22.3s

[CV 3/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 3/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-262.248, test=-3047.530) total time= 56.2s
[CV 5/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 5/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-819.323, test=-2865.324) total time= 22.5s
[CV 3/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 3/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-253.498, test=-3057.935) total time= 56.1s
[CV 5/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 5/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-819.323, test=-2863.268) total time= 22.2s
[CV 3/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 3/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-262.248, test=-3046.649) total time= 55.9s
[CV 5/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 5/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-1584.068, test=-2799.710) total time= 12.2s
[CV 2/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 2/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2560.828, test=-2321.043) total time= 0.5s
[CV 4/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 4/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2502.721, test=-2573.080) total time= 0.5s
[CV 1/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 1/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2456.244, test=-2412.678) total time= 1.0s
[CV 4/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 4/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=20;; score=(train=-2435.379, test=-2545.803)
total time= 1.0s
[CV 2/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2337.567, test=-2380.569)
total time= 2.5s
[CV 5/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2209.087, test=-2350.112)
total time= 2.2s
[CV 4/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2185.464, test=-2577.018)
total time= 2.1s
[CV 2/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1862.148, test=-2447.792)
total time= 5.5s
[CV 5/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1738.828, test=-2747.340)
total time= 5.4s
[CV 3/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1317.969, test=-2853.933)
total time= 10.9s
[CV 1/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-821.488, test=-2624.468)
total time= 21.8s
[CV 3/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-670.932, test=-2974.892)
total time= 27.6s
[CV 1/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2374.263, test=-2452.982)

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total time= 1.0s
[CV 3/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2337.735, test=-2763.406)
total time= 1.1s
[CV 5/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2334.285, test=-2738.297)
total time= 1.1s
[CV 2/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2209.087, test=-2355.740)
total time= 2.1s
[CV 4/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2185.464, test=-2576.543)
total time= 2.1s
[CV 2/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1862.148, test=-2444.494)
total time= 5.5s
[CV 5/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1738.828, test=-2748.309)
total time= 5.5s
[CV 3/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1324.097, test=-2860.433)
total time= 11.0s
[CV 1/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-821.488, test=-2622.906)
total time= 22.1s
[CV 4/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-709.601, test=-2793.357)
total time= 27.9s
[CV 4/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

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[CV 4/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2502.721, test=-2573.080)
total time= 0.5s
[CV 1/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2456.244, test=-2413.132)
total time= 1.0s
[CV 3/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2390.909, test=-2741.682)
total time= 1.0s
[CV 5/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2385.544, test=-2697.611)
total time= 1.0s
[CV 2/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2335.615, test=-2363.803)
total time= 2.5s
[CV 5/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2230.771, test=-2727.224)
total time= 2.5s
[CV 3/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2047.563, test=-2806.881)
total time= 4.9s
[CV 1/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1759.401, test=-2472.760)
total time= 9.9s
[CV 4/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1792.682, test=-2648.508)
total time= 10.0s
[CV 2/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1692.138, test=-2564.627)
total time= 12.5s

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[CV 4/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1186.703, test=-2745.902)
total time= 24.7s
[CV 4/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2379.029, test=-2597.485)
total time= 1.1s
[CV 1/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2179.100, test=-2451.987)
total time= 2.1s
[CV 3/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2128.811, test=-2749.172)
total time= 2.1s
[CV 1/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1798.565, test=-2508.068)
total time= 5.4s
[CV 4/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1807.129, test=-2618.372)
total time= 5.4s
[CV 2/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1426.653, test=-2531.690)
total time= 11.2s
[CV 5/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1305.590, test=-2797.022)
total time= 11.1s
[CV 1/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-682.267, test=-2649.368)
total time= 27.9s
[CV 4/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,


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min_samples_split=5, n_estimators=500
[CV 4/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-295.788, test=-2825.946)
total time= 56.0s
[CV 2/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-719.374, test=-2642.367)
total time= 28.0s
[CV 5/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-268.181, test=-2946.675)
total time= 55.9s
[CV 3/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-687.266, test=-2962.298)
total time= 27.7s
[CV 1/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2530.967, test=-2422.739)
total time= 0.5s
[CV 2/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2560.828, test=-2325.255)
total time= 0.5s
[CV 3/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 5/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2466.035, test=-2730.203)
total time= 0.5s
[CV 2/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2483.449, test=-2323.610)
total time= 1.0s
[CV 4/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2435.379, test=-2545.803)

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total time= 1.0s
[CV 1/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2305.968, test=-2404.591)
total time= 2.5s
[CV 4/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2314.950, test=-2571.134)
total time= 2.5s
[CV 2/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2130.563, test=-2454.132)
total time= 4.9s
[CV 5/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2013.786, test=-2757.967)
total time= 4.9s
[CV 3/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1738.652, test=-2911.247)
total time= 9.9s
[CV 1/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1608.707, test=-2502.564)
total time= 12.1s
[CV 2/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1181.325, test=-2683.312)
total time= 24.3s
[CV 4/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1798.970, test=-2628.263)
total time= 9.8s
[CV 2/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1196.091, test=-2713.991)
total time= 24.4s
[CV 4/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

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[CV 4/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1836.384, test=-2594.308)
total time= 9.8s
[CV 2/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2374.263, test=-2451.860)
total time= 0.8s
[CV 2/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2409.149, test=-2364.511)
total time= 1.1s
[CV 4/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2379.029, test=-2597.479)
total time= 1.1s
[CV 1/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2179.100, test=-2453.564)
total time= 2.1s
[CV 3/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2128.811, test=-2748.556)
total time= 2.1s
[CV 1/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1798.565, test=-2510.700)
total time= 5.4s
[CV 4/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1807.129, test=-2619.620)
total time= 5.5s
[CV 2/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1426.653, test=-2538.000)
total time= 11.3s
[CV 5/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1305.590, test=-2797.912)
total time= 11.0s

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[CV 1/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 1/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-699.523, test=-2650.989) total time= 27.6s
[CV 4/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 4/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-295.788, test=-2827.247) total time= 56.1s
[CV 2/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 2/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-719.374, test=-2640.751) total time= 28.0s
[CV 5/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 5/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-268.181, test=-2942.543) total time= 56.4s
[CV 4/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 4/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-709.601, test=-2790.350) total time= 27.8s
[CV 2/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 2/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2409.149, test=-2361.172) total time= 1.1s
[CV 4/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2379.029, test=-2597.526) total time= 1.1s
[CV 1/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2179.100, test=-2452.172) total time= 2.1s
[CV 3/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2128.811, test=-2752.715) total time= 2.1s
[CV 1/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50;; score=(train=-1798.565, test=-2510.817)
total time= 5.4s
[CV 4/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1807.129, test=-2618.581)
total time= 5.4s
[CV 2/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1426.653, test=-2538.258)
total time= 11.1s
[CV 5/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1305.590, test=-2796.830)
total time= 11.0s
[CV 1/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-682.267, test=-2651.260)
total time= 27.6s
[CV 4/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-295.788, test=-2826.972)
total time= 56.0s
[CV 3/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1176.052, test=-3056.853)
total time= 24.4s
[CV 1/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1635.380, test=-2480.926)
total time= 12.1s
[CV 4/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1196.145, test=-2740.748)
total time= 24.1s
[CV 2/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1733.313, test=-2535.776)
total time= 12.2s
[CV 5/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500
[CV 5/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2154.494, test=-2697.567)
total time= 2.2s
[CV 3/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1759.533, test=-2780.928)
total time= 5.4s
[CV 1/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1316.829, test=-2556.432)
total time= 10.7s
[CV 4/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1388.388, test=-2717.760)
total time= 11.0s
[CV 4/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-841.318, test=-2772.677)
total time= 21.8s
[CV 5/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-654.557, test=-2891.504)
total time= 27.7s
[CV 5/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2154.494, test=-2697.649)
total time= 2.2s
[CV 3/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1759.533, test=-2778.744)
total time= 5.3s
[CV 1/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1316.831, test=-2552.427)
total time= 10.7s
[CV 4/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1388.388, test=-2719.773)

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total time= 10.9s
[CV 4/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-841.318, test=-2776.957)
total time= 21.8s
[CV 2/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-272.541, test=-2706.559)
total time= 55.8s
[CV 3/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-840.744, test=-2934.704)
total time= 22.4s
[CV 1/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-287.670, test=-2686.456)
total time= 56.5s
[CV 3/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1625.333, test=-2951.655)
total time= 12.2s
[CV 5/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1145.750, test=-2858.777)
total time= 24.5s
[CV 5/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1612.248, test=-2794.846)
total time= 12.2s
[CV 3/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 1/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2457.704, test=-2413.472)
total time= 1.0s
[CV 4/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

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[CV 4/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2439.823, test=-2543.739)
total time= 1.0s
[CV 2/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2333.061, test=-2378.179)
total time= 2.5s
[CV 5/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2244.448, test=-2721.670)
total time= 2.5s
[CV 3/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2088.279, test=-2823.565)
total time= 4.9s
[CV 1/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1795.223, test=-2467.510)
total time= 9.7s
[CV 3/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1683.004, test=-2923.935)
total time= 12.3s
[CV 1/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2530.967, test=-2423.109)
total time= 0.5s
[CV 2/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2560.828, test=-2318.171)
total time= 0.5s
[CV 4/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2503.226, test=-2571.930)
total time= 0.5s
[CV 2/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2485.226, test=-2324.108)
total time= 1.0s

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[CV 3/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 3/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-731.566, test=-2953.608) total time= 22.5s
[CV 1/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 1/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-183.300, test=-2721.280) total time= 56.3s
[CV 2/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 2/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-867.549, test=-2616.806) total time= 22.3s
[CV 1/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 1/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-275.027, test=-2683.509) total time= 56.3s
[CV 3/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 3/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-840.744, test=-2927.860) total time= 22.1s
[CV 1/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 1/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-287.670, test=-2691.948) total time= 55.8s
[CV 3/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 3/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-833.088, test=-2929.366) total time= 22.1s
[CV 1/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 1/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-275.027, test=-2683.682) total time= 55.9s
[CV 2/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 2/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-847.103, test=-2613.438) total time= 22.2s
[CV 5/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 5/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250;; score=(train=-654.557, test=-2892.277)
total time= 28.0s
[CV 3/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2259.711, test=-2774.519)
total time= 2.5s
[CV 1/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2081.165, test=-2429.716)
total time= 5.0s
[CV 4/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2122.081, test=-2584.772)
total time= 5.0s
[CV 2/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1808.227, test=-2533.115)
total time= 10.0s
[CV 5/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1709.756, test=-2791.189)
total time= 9.8s
[CV 1/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1122.595, test=-2588.894)
total time= 24.0s
[CV 2/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1820.059, test=-2591.002)
total time= 9.6s
[CV 3/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1622.755, test=-2933.519)
total time= 12.1s
[CV 1/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2530.967, test=-2422.807)
total time= 0.5s
[CV 4/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10
[CV 4/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2503.226, test=-2571.930)
total time= 0.5s
[CV 2/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2485.226, test=-2325.315)
total time= 1.0s
[CV 5/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2386.902, test=-2694.852)
total time= 1.0s
[CV 3/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2259.769, test=-2766.021)
total time= 2.4s
[CV 1/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2102.805, test=-2429.305)
total time= 4.9s
[CV 4/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2136.834, test=-2565.274)
total time= 4.9s
[CV 3/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1802.153, test=-2899.410)
total time= 9.7s
[CV 1/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1238.933, test=-2579.546)
total time= 24.3s
[CV 2/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1883.518, test=-2471.761)
total time= 9.7s
[CV 5/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

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[CV 3/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1759.533, test=-2779.554)
total time= 5.4s
[CV 1/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1316.828, test=-2556.413)
total time= 11.0s
[CV 4/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1388.388, test=-2715.433)
total time= 11.1s
[CV 4/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-841.318, test=-2775.997)
total time= 22.1s
[CV 2/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-272.541, test=-2705.007)
total time= 56.3s
[CV 4/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1675.400, test=-2665.348)
total time= 12.2s
[CV 1/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2530.967, test=-2422.739)
total time= 0.5s
[CV 3/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 5/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2466.035, test=-2730.203)
total time= 0.5s
[CV 2/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2483.630, test=-2333.426)
total time= 1.0s

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[CV 5/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20
 [CV 5/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20;; score=(train=-2385.544, test=-2695.562)
 total time= 1.0s
 [CV 3/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 3/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50;; score=(train=-2260.582, test=-2769.445)
 total time= 2.5s
 [CV 1/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100
 [CV 1/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100;; score=(train=-2082.645, test=-2433.127)
 total time= 4.9s
 [CV 4/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100
 [CV 4/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=100;; score=(train=-2117.169, test=-2605.304)
 total time= 4.8s
 [CV 3/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=200
 [CV 3/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=200;; score=(train=-1748.616, test=-2903.377)
 total time= 9.8s
 [CV 1/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500
 [CV 1/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500;; score=(train=-1178.720, test=-2576.894)
 total time= 24.4s
 [CV 2/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=200
 [CV 2/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=200;; score=(train=-1846.344, test=-2513.615)
 total time= 9.8s
 [CV 5/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=250
 [CV 5/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=250;; score=(train=-1629.012, test=-2799.408)
 total time= 12.3s
 [CV 5/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=10
 [CV 5/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=10;; score=(train=-2466.756, test=-2730.040)
 total time= 0.5s
 [CV 3/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=20
 [CV 3/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=20;; score=(train=-2395.462, test=-2736.893)
total time= 1.0s
[CV 1/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2329.888, test=-2418.818)
total time= 2.5s
[CV 4/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2327.871, test=-2565.644)
total time= 2.5s
[CV 2/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2162.003, test=-2429.863)
total time= 4.9s
[CV 5/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2042.771, test=-2749.487)
total time= 4.9s
[CV 1/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1712.835, test=-2462.186)
total time= 12.2s
[CV 4/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1295.327, test=-2781.163)
total time= 24.5s
[CV 2/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1726.958, test=-2520.725)
total time= 12.3s
[CV 5/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1253.113, test=-2833.994)
total time= 24.6s
[CV 3/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1680.031, test=-2656.648)
total time= 12.3s
[CV 2/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10
[CV 2/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2560.828, test=-2326.652)
total time= 0.5s
[CV 5/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2466.756, test=-2730.040)
total time= 0.5s
[CV 3/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2393.862, test=-2739.052)
total time= 1.0s
[CV 1/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2321.642, test=-2414.473)
total time= 2.5s
[CV 4/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2317.560, test=-2563.084)
total time= 2.5s
[CV 2/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2147.167, test=-2433.796)
total time= 5.0s
[CV 5/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2039.541, test=-2748.496)
total time= 5.0s
[CV 1/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1664.199, test=-2495.782)
total time= 12.3s
[CV 4/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1235.333, test=-2700.650)
total time= 24.7s
[CV 2/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1762.791, test=-2499.186)

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total time= 12.4s
[CV 5/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1238.911, test=-2876.862)
total time= 24.6s
[CV 3/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1679.864, test=-2888.489)
total time= 12.3s
[CV 1/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2539.926, test=-2420.197)
total time= 0.5s
[CV 2/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2560.828, test=-2324.161)
total time= 0.5s
[CV 3/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 4/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2501.144, test=-2571.283)
total time= 0.5s
[CV 1/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2466.618, test=-2406.544)
total time= 1.0s
[CV 4/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2435.704, test=-2540.617)
total time= 1.0s
[CV 2/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2334.663, test=-2368.134)
total time= 2.5s
[CV 5/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

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[CV 5/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2263.312, test=-2697.634)
total time= 2.5s
[CV 3/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2070.117, test=-2792.668)
total time= 5.0s
[CV 1/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1814.829, test=-2448.782)
total time= 9.9s
[CV 4/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1687.263, test=-2631.195)
total time= 12.3s
[CV 4/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2501.144, test=-2571.283)
total time= 0.5s
[CV 1/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2466.618, test=-2407.026)
total time= 1.0s
[CV 3/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2392.294, test=-2738.365)
total time= 1.0s
[CV 1/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2327.487, test=-2409.495)
total time= 2.5s
[CV 4/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2295.225, test=-2542.392)
total time= 2.5s
[CV 5/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2387.996, test=-2698.183)
total time= 1.0s

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[CV 3/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2263.923, test=-2757.727)
total time= 2.5s
[CV 5/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2238.029, test=-2721.885)
total time= 2.5s
[CV 3/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2097.178, test=-2785.025)
total time= 4.9s
[CV 1/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1826.257, test=-2451.365)
total time= 9.7s
[CV 3/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1706.066, test=-2893.678)
total time= 12.3s
[CV 1/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2539.926, test=-2420.215)
total time= 0.5s
[CV 3/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 1/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2466.618, test=-2405.990)
total time= 1.0s
[CV 4/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2435.704, test=-2540.617)
total time= 1.0s
[CV 2/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=50;; score=(train=-2334.663, test=-2366.494)
total time= 2.4s
[CV 5/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2263.312, test=-2698.102)
total time= 2.4s
[CV 3/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2070.117, test=-2794.895)
total time= 5.0s
[CV 1/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1814.829, test=-2452.169)
total time= 9.8s
[CV 4/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1687.263, test=-2631.260)
total time= 12.2s
[CV 5/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2469.122, test=-2707.238)
total time= 0.5s
[CV 2/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2484.661, test=-2321.577)
total time= 1.0s
[CV 5/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2399.204, test=-2678.767)
total time= 1.0s
[CV 3/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2254.537, test=-2763.087)
total time= 2.4s
[CV 1/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2109.823, test=-2432.579)
total time= 4.9s
[CV 4/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=100
[CV 4/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2089.217, test=-2569.502)
total time= 4.9s
[CV 3/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1782.605, test=-2852.798)
total time= 9.8s
[CV 1/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1295.242, test=-2541.448)
total time= 24.3s
[CV 2/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1844.702, test=-2504.120)
total time= 9.8s
[CV 5/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1654.861, test=-2768.626)
total time= 12.3s
[CV 3/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2392.294, test=-2738.365)
total time= 1.0s
[CV 1/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2329.641, test=-2407.569)
total time= 2.4s
[CV 4/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2299.585, test=-2560.218)
total time= 2.5s
[CV 2/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1651.609, test=-2806.110)
total time= 12.1s
[CV 5/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2469.122, test=-2707.238)

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total time= 0.5s
[CV 3/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2392.294, test=-2738.365)
total time= 1.0s
[CV 1/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2327.487, test=-2409.554)
total time= 2.4s
[CV 4/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2295.225, test=-2543.052)
total time= 2.4s
[CV 2/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2153.362, test=-2448.703)
total time= 4.9s
[CV 5/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2051.264, test=-2717.737)
total time= 4.9s
[CV 1/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1700.954, test=-2477.406)
total time= 12.3s
[CV 4/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1240.877, test=-2708.577)
total time= 24.6s
[CV 2/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1726.958, test=-2539.273)
total time= 12.3s
[CV 5/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1253.113, test=-2833.038)
total time= 24.6s
[CV 3/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

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[CV 3/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1679.864, test=-2892.530)
total time= 12.2s
[CV 1/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2539.926, test=-2420.197)
total time= 0.5s
[CV 2/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2560.828, test=-2324.161)
total time= 0.5s
[CV 3/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 4/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2501.144, test=-2571.283)
total time= 0.5s
[CV 1/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2466.621, test=-2406.516)
total time= 1.0s
[CV 4/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2439.071, test=-2543.812)
total time= 1.0s
[CV 2/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2350.699, test=-2373.331)
total time= 2.5s
[CV 5/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2271.045, test=-2699.930)
total time= 2.5s
[CV 3/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2075.330, test=-2791.215)
total time= 4.9s

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[CV 1/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1845.155, test=-2454.540)
total time= 9.7s
[CV 4/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1727.776, test=-2685.343)
total time= 12.0s
[CV 5/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2475.834, test=-2707.011)
total time= 0.5s
[CV 2/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2488.942, test=-2319.286)
total time= 1.0s
[CV 4/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2440.612, test=-2551.697)
total time= 1.0s
[CV 2/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2341.159, test=-2345.838)
total time= 2.4s
[CV 5/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2271.308, test=-2691.973)
total time= 2.3s
[CV 3/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2071.666, test=-2796.350)
total time= 5.0s
[CV 5/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1305.590, test=-2796.299)
total time= 10.9s
[CV 1/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=250;; score=(train=-682.267, test=-2648.824)
total time= 27.4s
[CV 4/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-295.788, test=-2830.817)
total time= 55.7s
[CV 2/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-719.374, test=-2637.485)
total time= 28.0s
[CV 5/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-268.181, test=-2946.668)
total time= 56.5s
[CV 3/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2390.909, test=-2741.451)
total time= 1.0s
[CV 1/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2308.513, test=-2409.252)
total time= 2.5s
[CV 4/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2314.971, test=-2571.435)
total time= 2.5s
[CV 2/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2134.693, test=-2475.643)
total time= 5.0s
[CV 5/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2025.248, test=-2760.632)
total time= 5.0s
[CV 5/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1733.749, test=-2773.066)
total time= 9.9s
[CV 3/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500
[CV 3/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1182.218, test=-3029.287)
total time= 24.7s
[CV 5/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1739.063, test=-2789.817)
total time= 9.8s
[CV 3/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1238.717, test=-3017.062)
total time= 24.8s
[CV 5/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1753.797, test=-2787.296)
total time= 9.9s
[CV 3/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1271.534, test=-3029.873)
total time= 24.7s
[CV 5/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1767.392, test=-2758.780)
total time= 9.8s
[CV 3/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1276.531, test=-2997.044)
total time= 24.6s
[CV 5/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1767.392, test=-2754.866)
total time= 9.8s
[CV 2/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1276.567, test=-2637.599)
total time= 24.4s
[CV 3/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1782.605, test=-2854.732)

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total time= 9.9s
[CV 1/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1295.242, test=-2540.146)
total time= 24.4s
[CV 2/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1862.416, test=-2520.702)
total time= 9.8s
[CV 5/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1691.652, test=-2754.085)
total time= 12.3s
[CV 5/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2406.006, test=-2680.138)
total time= 1.0s
[CV 3/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2266.605, test=-2766.474)
total time= 2.5s
[CV 1/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2154.566, test=-2423.555)
total time= 5.0s
[CV 4/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2135.794, test=-2577.196)
total time= 4.9s
[CV 3/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2226.687, test=-2730.083)
total time= 2.5s
[CV 3/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2053.737, test=-2806.388)
total time= 4.9s
[CV 1/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

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[CV 1/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1764.104, test=-2461.649)
total time= 9.6s
[CV 2/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1705.186, test=-2621.314)
total time= 12.3s
[CV 5/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1157.494, test=-2847.215)
total time= 24.4s
[CV 4/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1709.061, test=-2618.302)
total time= 12.3s
[CV 3/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 1/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2457.704, test=-2413.560)
total time= 1.0s
[CV 4/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2439.823, test=-2543.739)
total time= 1.0s
[CV 2/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2353.793, test=-2367.463)
total time= 2.5s
[CV 1/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2112.464, test=-2419.184)
total time= 4.9s
[CV 4/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2129.862, test=-2583.689)
total time= 4.9s

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[CV 4/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1847.569, test=-2630.623)
total time= 9.8s
[CV 2/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1325.885, test=-2618.639)
total time= 24.6s
[CV 3/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1782.605, test=-2854.473)
total time= 9.9s
[CV 1/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1295.242, test=-2543.849)
total time= 24.6s
[CV 2/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1844.702, test=-2516.086)
total time= 9.9s
[CV 5/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1654.861, test=-2764.513)
total time= 12.3s
[CV 5/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2399.204, test=-2677.400)
total time= 1.0s
[CV 3/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2254.537, test=-2763.344)
total time= 2.5s
[CV 1/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2109.823, test=-2435.060)
total time= 4.9s
[CV 4/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-2089.217, test=-2566.265)
total time= 4.9s
[CV 5/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1767.392, test=-2757.859)
total time= 9.9s
[CV 3/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1276.531, test=-2996.696)
total time= 24.6s
[CV 4/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1839.926, test=-2671.944)
total time= 9.8s
[CV 2/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1325.398, test=-2635.091)
total time= 24.8s
[CV 4/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1870.901, test=-2612.392)
total time= 9.8s
[CV 2/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1351.063, test=-2634.239)
total time= 24.3s
[CV 3/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1807.224, test=-2890.742)
total time= 9.7s
[CV 5/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1194.439, test=-2855.431)
total time= 24.2s
[CV 4/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1735.613, test=-2666.356)
total time= 12.2s
[CV 2/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-2560.828, test=-2323.107)
total time= 0.5s
[CV 4/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2501.144, test=-2571.283)
total time= 0.5s
[CV 2/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2484.661, test=-2320.430)
total time= 1.0s
[CV 5/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2399.204, test=-2678.767)
total time= 1.0s
[CV 3/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2254.537, test=-2763.395)
total time= 2.4s
[CV 1/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2109.823, test=-2433.499)
total time= 4.8s
[CV 4/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2089.217, test=-2571.488)
total time= 4.8s
[CV 4/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1796.345, test=-2614.610)
total time= 9.7s
[CV 2/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1276.567, test=-2642.564)
total time= 24.7s
[CV 4/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1796.345, test=-2615.532)
total time= 9.9s
[CV 3/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500
[CV 3/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1276.531, test=-2992.591)
total time= 24.8s
[CV 4/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1796.345, test=-2613.192)
total time= 9.9s
[CV 2/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1276.567, test=-2641.021)
total time= 24.2s
[CV 3/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1816.961, test=-2854.571)
total time= 9.7s
[CV 1/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1335.366, test=-2532.920)
total time= 23.9s
[CV 2/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1871.146, test=-2504.611)
total time= 9.7s
[CV 5/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1687.930, test=-2770.800)
total time= 12.3s
[CV 1/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2474.029, test=-2409.755)
total time= 1.0s
[CV 4/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2440.612, test=-2551.704)
total time= 1.0s
[CV 2/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2341.159, test=-2351.280)

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total time= 2.5s
[CV 5/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2280.898, test=-2684.211)
total time= 2.5s
[CV 3/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2071.666, test=-2795.912)
total time= 4.8s
[CV 1/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1851.518, test=-2443.436)
total time= 9.6s
[CV 4/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1758.732, test=-2646.078)
total time= 12.2s
[CV 3/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 5/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2475.834, test=-2707.011)
total time= 0.5s
[CV 2/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2488.942, test=-2318.174)
total time= 1.0s
[CV 2/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1258.282, test=-2636.866)
total time= 24.6s
[CV 3/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1809.674, test=-2874.264)
total time= 9.8s
[CV 1/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1281.606, test=-2559.565)

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total time= 24.4s
[CV 2/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1844.702, test=-2506.328)
total time= 9.7s
[CV 5/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1654.861, test=-2764.219)
total time= 12.1s
[CV 3/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2392.294, test=-2738.365)
total time= 1.0s
[CV 1/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2327.487, test=-2410.043)
total time= 2.4s
[CV 4/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2295.225, test=-2542.392)
total time= 2.4s
[CV 2/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2153.362, test=-2432.710)
total time= 4.9s
[CV 5/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2051.264, test=-2715.362)
total time= 4.9s
[CV 1/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1700.954, test=-2474.892)
total time= 12.1s
[CV 4/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1240.877, test=-2708.342)
total time= 24.1s
[CV 2/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

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[CV 2/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1726.958, test=-2534.218)
total time= 12.3s

[CV 5/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 5/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1253.113, test=-2834.782)
total time= 24.5s

[CV 3/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 3/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1706.650, test=-2888.883)
total time= 12.2s

[CV 1/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 1/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2543.862, test=-2419.425)
total time= 0.5s

[CV 2/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 2/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2562.317, test=-2330.936)
total time= 0.5s

[CV 3/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 3/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s

[CV 4/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 4/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2501.960, test=-2571.585)
total time= 0.5s

[CV 1/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 1/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2474.029, test=-2410.464)
total time= 1.0s

[CV 3/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 3/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2401.641, test=-2735.058)
total time= 1.0s

[CV 1/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 1/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2346.423, test=-2416.907)
total time= 2.4s

[CV 4/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2305.542, test=-2552.262)
total time= 2.5s
[CV 2/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2164.434, test=-2422.217)
total time= 5.0s
[CV 5/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2074.979, test=-2701.340)
total time= 4.9s
[CV 1/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1731.438, test=-2469.024)
total time= 12.2s
[CV 4/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1366.917, test=-2726.873)
total time= 24.2s
[CV 2/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1746.899, test=-2533.137)
total time= 12.1s
[CV 5/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1304.844, test=-2820.185)
total time= 24.2s
[CV 3/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1679.864, test=-2889.141)
total time= 12.4s
[CV 1/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2539.926, test=-2420.407)
total time= 0.5s
[CV 2/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2560.828, test=-2317.797)
total time= 0.5s

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[CV 3/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 5/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2469.122, test=-2707.238)
total time= 0.5s
[CV 2/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2484.661, test=-2319.389)
total time= 1.0s
[CV 4/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2435.704, test=-2540.617)
total time= 1.0s
[CV 2/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2334.663, test=-2373.698)
total time= 2.5s
[CV 5/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2263.312, test=-2699.709)
total time= 2.5s
[CV 3/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2070.117, test=-2794.022)
total time= 5.0s
[CV 1/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1814.829, test=-2446.798)
total time= 9.9s
[CV 4/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1687.263, test=-2632.605)
total time= 12.4s
[CV 5/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-2471.501, test=-2709.256)
total time= 0.5s
[CV 2/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2484.661, test=-2315.291)
total time= 1.0s
[CV 5/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2396.987, test=-2678.954)
total time= 1.0s
[CV 3/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2260.391, test=-2763.500)
total time= 2.5s
[CV 1/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2142.643, test=-2441.417)
total time= 5.0s
[CV 4/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2105.924, test=-2613.454)
total time= 5.0s
[CV 5/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1782.345, test=-2734.295)
total time= 9.8s
[CV 3/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1310.944, test=-2997.008)
total time= 24.6s
[CV 5/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1798.892, test=-2739.544)
total time= 9.7s
[CV 3/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1344.726, test=-3018.226)
total time= 24.1s
[CV 4/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 4/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1870.901, test=-2612.947)
total time= 9.6s
[CV 1/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1325.545, test=-2592.378)
total time= 24.1s
[CV 2/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1871.146, test=-2501.367)
total time= 9.8s
[CV 5/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1687.930, test=-2769.953)
total time= 12.2s
[CV 4/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2440.612, test=-2551.704)
total time= 1.0s
[CV 2/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2341.159, test=-2348.662)
total time= 2.4s
[CV 5/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2271.308, test=-2694.040)
total time= 2.4s
[CV 1/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1851.518, test=-2442.210)
total time= 9.7s
[CV 3/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1713.911, test=-2890.028)
total time= 12.3s
[CV 1/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2543.862, test=-2419.239)

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total time= 0.5s
[CV 3/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 5/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2475.834, test=-2707.011)
total time= 0.5s
[CV 3/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2401.625, test=-2735.050)
total time= 1.0s
[CV 1/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2346.423, test=-2416.396)
total time= 2.2s
[CV 4/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2305.542, test=-2551.063)
total time= 2.4s
[CV 2/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2164.434, test=-2413.111)
total time= 4.9s
[CV 5/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2069.602, test=-2719.297)
total time= 4.8s
[CV 1/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1731.438, test=-2467.637)
total time= 12.1s
[CV 4/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1366.917, test=-2726.009)
total time= 24.5s
[CV 2/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 2/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1746.899, test=-2536.706)
total time= 12.2s

[CV 5/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 5/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1304.844, test=-2819.559)
total time= 24.1s

[CV 3/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 3/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1713.911, test=-2890.789)
total time= 14.6s

[CV 1/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 1/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2546.591, test=-2420.428)
total time= 0.6s

[CV 2/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 2/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2562.137, test=-2334.362)
total time= 0.6s

[CV 4/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 4/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2502.653, test=-2571.990)
total time= 0.6s

[CV 1/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 1/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2477.814, test=-2406.882)
total time= 1.2s

[CV 2/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 2/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2353.394, test=-2359.960)
total time= 2.8s

[CV 2/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 2/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2152.611, test=-2422.307)
total time= 4.9s

[CV 1/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 1/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1880.339, test=-2448.481)
total time= 9.8s


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[CV 3/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1711.416, test=-2859.984)
total time= 12.4s
[CV 2/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2562.137, test=-2327.121)
total time= 0.5s
[CV 3/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 1/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2477.814, test=-2407.019)
total time= 1.0s
[CV 4/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2440.214, test=-2548.311)
total time= 1.0s
[CV 2/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2353.394, test=-2355.164)
total time= 2.4s
[CV 5/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2153.362, test=-2435.271)
total time= 5.0s
[CV 5/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2051.264, test=-2718.087)
total time= 5.0s
[CV 1/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1700.954, test=-2478.390)
total time= 12.3s
[CV 4/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500
[CV 4/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1240.877, test=-2707.382)
total time= 24.7s
[CV 2/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1743.471, test=-2547.007)
total time= 12.3s
[CV 5/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1274.056, test=-2840.647)
total time= 24.5s
[CV 4/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1758.732, test=-2646.713)
total time= 12.2s
[CV 2/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2562.317, test=-2323.008)
total time= 0.5s
[CV 4/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2501.960, test=-2571.585)
total time= 0.5s
[CV 2/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2488.942, test=-2320.519)
total time= 1.0s
[CV 5/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2407.651, test=-2681.369)
total time= 1.0s
[CV 3/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2266.601, test=-2766.689)
total time= 2.6s
[CV 1/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2154.566, test=-2422.799)

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total time= 4.9s
[CV 4/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2135.794, test=-2574.477)
total time= 4.9s
[CV 5/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1798.892, test=-2738.803)
total time= 9.7s
[CV 3/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1344.726, test=-3019.092)
total time= 24.5s
[CV 4/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1870.901, test=-2613.009)
total time= 9.7s
[CV 2/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1351.063, test=-2629.641)
total time= 24.3s
[CV 3/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1807.224, test=-2890.457)
total time= 9.8s
[CV 1/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1325.545, test=-2589.751)
total time= 13.0s
[CV 2/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2491.184, test=-2321.680)
total time= 0.5s
[CV 4/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2440.214, test=-2547.821)
total time= 0.5s
[CV 1/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

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[CV 1/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2339.240, test=-2418.788)
total time= 2.7s
[CV 1/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2168.457, test=-2419.382)
total time= 4.9s
[CV 5/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2103.109, test=-2708.511)
total time= 4.9s
[CV 4/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1864.185, test=-2617.755)
total time= 9.7s
[CV 2/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1385.958, test=-2615.565)
total time= 24.1s
[CV 4/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1864.185, test=-2621.389)
total time= 9.6s
[CV 2/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2158.277, test=-2421.589)
total time= 5.0s
[CV 5/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2078.308, test=-2705.974)
total time= 4.9s
[CV 1/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1729.864, test=-2465.466)
total time= 12.2s
[CV 4/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1315.929, test=-2743.572)
total time= 24.3s

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[CV 2/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1746.899, test=-2540.935)
total time= 12.1s
[CV 5/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1304.844, test=-2822.863)
total time= 24.4s
[CV 3/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1713.451, test=-2914.084)
total time= 12.3s
[CV 1/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2543.862, test=-2419.179)
total time= 0.4s
[CV 2/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2562.317, test=-2320.204)
total time= 0.5s
[CV 4/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2501.960, test=-2571.585)
total time= 0.5s
[CV 1/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2474.029, test=-2409.593)
total time= 1.0s
[CV 3/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2401.666, test=-2734.978)
total time= 1.0s
[CV 1/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2346.423, test=-2417.357)
total time= 2.4s
[CV 4/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50;; score=(train=-2305.542, test=-2550.703)
total time= 2.5s
[CV 2/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2164.434, test=-2422.827)
total time= 4.9s
[CV 5/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2074.979, test=-2700.860)
total time= 4.9s
[CV 1/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1731.438, test=-2470.988)
total time= 12.1s
[CV 4/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1366.917, test=-2726.409)
total time= 24.2s
[CV 2/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1746.899, test=-2536.561)
total time= 13.6s
[CV 5/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1309.038, test=-2825.382)
total time= 25.5s
[CV 1/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1376.356, test=-2595.652)
total time= 24.1s
[CV 2/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1882.921, test=-2497.416)
total time= 9.7s
[CV 5/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1732.060, test=-2766.203)
total time= 12.1s
[CV 2/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20
[CV 2/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2491.184, test=-2316.561)
total time= 1.0s
[CV 5/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2406.983, test=-2678.243)
total time= 1.0s
[CV 3/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2282.399, test=-2766.659)
total time= 2.4s
[CV 1/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2168.457, test=-2420.242)
total time= 4.9s
[CV 4/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2134.811, test=-2589.403)
total time= 4.9s
[CV 4/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1864.185, test=-2622.121)
total time= 9.7s
[CV 3/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1820.196, test=-2871.638)
total time= 9.7s
[CV 1/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1325.545, test=-2593.805)
total time= 24.2s
[CV 2/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1871.146, test=-2511.490)
total time= 9.7s
[CV 5/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1687.165, test=-2769.318)
total time= 12.1s
[CV 4/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20
[CV 4/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2440.612, test=-2551.697)
total time= 1.0s
[CV 2/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2341.159, test=-2356.299)
total time= 2.4s
[CV 5/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2271.308, test=-2693.155)
total time= 2.4s
[CV 3/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2081.088, test=-2796.563)
total time= 4.9s
[CV 1/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1851.518, test=-2443.966)
total time= 9.7s
[CV 4/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1758.732, test=-2642.485)
total time= 12.2s
[CV 5/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2475.834, test=-2707.011)
total time= 0.5s
[CV 2/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2488.942, test=-2324.100)
total time= 1.0s
[CV 5/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2406.006, test=-2680.144)
total time= 1.0s
[CV 3/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2257.264, test=-2774.697)

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total time= 2.4s
[CV 1/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2154.566, test=-2421.884)
total time= 4.8s
[CV 4/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2135.794, test=-2575.003)
total time= 4.9s
[CV 4/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1870.901, test=-2617.275)
total time= 9.8s
[CV 3/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1344.726, test=-3018.080)
total time= 27.3s
[CV 1/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1764.278, test=-2490.673)
total time= 12.0s
[CV 4/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1380.444, test=-2715.635)
total time= 24.0s
[CV 2/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1775.991, test=-2508.179)
total time= 12.0s
[CV 5/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1362.334, test=-2823.729)
total time= 24.0s
[CV 3/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1711.416, test=-2858.719)
total time= 12.0s
[CV 1/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

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[CV 1/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2546.591, test=-2420.428)
total time= 0.5s
[CV 2/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2562.137, test=-2329.705)
total time= 0.5s
[CV 3/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 4/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2502.653, test=-2571.990)
total time= 0.5s
[CV 1/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2477.814, test=-2407.287)
total time= 1.0s
[CV 3/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2403.820, test=-2735.180)
total time= 1.0s
[CV 3/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1713.451, test=-2916.826)
total time= 12.2s
[CV 1/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2543.862, test=-2419.239)
total time= 0.5s
[CV 2/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2562.317, test=-2323.796)
total time= 0.5s
[CV 3/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s

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[CV 4/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2501.960, test=-2571.585)
total time= 0.5s
[CV 1/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2474.029, test=-2410.294)
total time= 1.0s
[CV 3/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2401.666, test=-2734.976)
total time= 1.0s
[CV 1/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2346.423, test=-2416.234)
total time= 2.4s
[CV 4/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2305.542, test=-2548.091)
total time= 2.4s
[CV 2/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2164.434, test=-2412.596)
total time= 4.9s
[CV 5/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2069.602, test=-2719.268)
total time= 4.9s
[CV 1/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1731.438, test=-2472.374)
total time= 13.1s
[CV 4/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1366.917, test=-2726.377)
total time= 26.3s
[CV 4/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250;; score=(train=-1750.103, test=-2643.115)
total time= 12.1s
[CV 1/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2546.591, test=-2420.505)
total time= 0.5s
[CV 4/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2502.653, test=-2571.990)
total time= 0.5s
[CV 2/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2491.184, test=-2319.246)
total time= 1.0s
[CV 5/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2406.983, test=-2677.950)
total time= 1.0s
[CV 3/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2282.399, test=-2766.523)
total time= 2.5s
[CV 1/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2168.457, test=-2419.046)
total time= 4.9s
[CV 4/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2126.885, test=-2587.275)
total time= 4.9s
[CV 3/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1827.089, test=-2829.578)
total time= 9.8s
[CV 1/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1376.356, test=-2596.779)
total time= 24.3s
[CV 2/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200
[CV 2/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1882.921, test=-2494.874)
total time= 9.7s
[CV 5/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1732.060, test=-2765.166)
total time= 12.2s
[CV 1/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2339.240, test=-2416.568)
total time= 2.5s
[CV 4/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2302.091, test=-2568.217)
total time= 2.5s
[CV 2/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2152.611, test=-2419.606)
total time= 4.9s
[CV 5/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2081.088, test=-2796.266)
total time= 4.9s
[CV 1/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1851.518, test=-2442.498)
total time= 9.7s
[CV 4/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1758.732, test=-2643.882)
total time= 14.5s
[CV 3/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.6s
[CV 5/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

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[CV 5/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2473.272, test=-2705.050)
total time= 0.6s
[CV 3/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2403.820, test=-2734.421)
total time= 1.2s
[CV 4/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2302.091, test=-2566.580)
total time= 2.6s
[CV 3/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2088.931, test=-2793.890)
total time= 4.8s
[CV 2/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1882.921, test=-2491.328)
total time= 9.7s
[CV 2/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1775.991, test=-2518.013)
total time= 12.0s
[CV 5/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1362.334, test=-2824.062)
total time= 23.9s
[CV 4/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1750.103, test=-2644.245)
total time= 12.0s
[CV 4/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2502.653, test=-2571.990)
total time= 0.5s
[CV 1/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2477.814, test=-2406.653)
total time= 1.0s

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[CV 4/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2440.214, test=-2548.311)
total time= 1.0s
[CV 2/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2353.394, test=-2359.185)
total time= 2.4s
[CV 5/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2281.006, test=-2683.578)
total time= 2.4s
[CV 3/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2088.931, test=-2793.832)
total time= 4.8s
[CV 1/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1880.339, test=-2448.247)
total time= 9.6s
[CV 4/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1741.206, test=-2655.845)
total time= 12.0s
[CV 5/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2473.272, test=-2705.359)
total time= 0.5s
[CV 2/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2491.184, test=-2321.098)
total time= 1.0s
[CV 4/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2440.214, test=-2548.320)
total time= 1.0s
[CV 2/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50;; score=(train=-2353.394, test=-2359.040)
total time= 2.4s
[CV 5/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2281.006, test=-2683.578)
total time= 2.4s
[CV 3/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2088.931, test=-2793.662)
total time= 4.8s
[CV 1/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1880.339, test=-2445.962)
total time= 9.9s
[CV 4/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1750.103, test=-2643.162)
total time= 12.1s
[CV 3/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1351.063, test=-2642.477)
total time= 24.2s
[CV 3/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1820.196, test=-2871.871)
total time= 9.7s
[CV 1/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1325.545, test=-2592.481)
total time= 24.0s
[CV 2/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1871.146, test=-2501.850)
total time= 9.7s
[CV 5/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1687.930, test=-2770.315)

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total time= 14.9s
[CV 5/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2406.983, test=-2677.950)
total time= 0.8s
[CV 3/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2282.399, test=-2766.541)
total time= 1.3s
[CV 5/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2281.006, test=-2682.756)
total time= 2.3s
[CV 4/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2134.811, test=-2589.093)
total time= 4.9s
[CV 3/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1827.089, test=-2830.588)
total time= 9.8s
[CV 5/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1732.060, test=-2763.197)
total time= 12.2s
[CV 5/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2473.272, test=-2705.050)
total time= 0.5s
[CV 3/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2403.820, test=-2735.180)
total time= 1.0s
[CV 1/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2339.240, test=-2418.370)
total time= 2.4s
[CV 4/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

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[CV 4/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2302.091, test=-2566.663)
total time= 2.5s
[CV 2/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2152.611, test=-2418.383)
total time= 4.9s
[CV 5/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2103.109, test=-2708.902)
total time= 4.9s
[CV 1/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1764.278, test=-2488.476)
total time= 12.2s
[CV 4/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1380.444, test=-2719.076)
total time= 24.4s
[CV 2/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1775.991, test=-2509.692)
total time= 12.2s
[CV 5/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1362.334, test=-2826.014)
total time= 24.5s
[CV 3/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1711.416, test=-2857.648)
total time= 12.1s
[CV 1/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2424.866, test=-2429.676)
total time= 0.8s
[CV 2/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2453.741, test=-2344.432)
total time= 0.8s

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[CV 4/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2422.045, test=-2563.211)
total time= 0.8s
[CV 1/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2270.793, test=-2423.050)
total time= 1.5s
[CV 4/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2299.891, test=-2545.468)
total time= 1.6s
[CV 2/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1976.246, test=-2459.768)
total time= 3.9s
[CV 5/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2407.651, test=-2681.369)
total time= 1.0s
[CV 3/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2257.264, test=-2774.285)
total time= 2.4s
[CV 1/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2154.566, test=-2423.645)
total time= 4.8s
[CV 4/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2135.794, test=-2574.563)
total time= 4.9s
[CV 5/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1800.065, test=-2739.634)
total time= 9.7s
[CV 3/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500
[CV 3/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1344.726, test=-3018.669)
total time= 24.3s
[CV 5/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1800.065, test=-2740.676)
total time= 9.7s
[CV 2/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1351.063, test=-2627.550)
total time= 27.1s
[CV 5/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1843.525, test=-2741.968)
total time= 9.6s
[CV 3/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1359.959, test=-2982.736)
total time= 24.2s
[CV 5/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1843.525, test=-2740.503)
total time= 9.7s
[CV 3/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1359.959, test=-2981.477)
total time= 24.2s
[CV 5/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1843.525, test=-2742.573)
total time= 9.7s
[CV 3/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1359.959, test=-2977.796)
total time= 24.2s
[CV 5/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1843.525, test=-2743.168)

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total time= 9.7s
[CV 2/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1385.958, test=-2605.073)
total time= 24.1s
[CV 5/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1420.810, test=-2845.239)
total time= 7.8s
[CV 3/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-707.944, test=-2988.824)
total time= 19.4s
[CV 1/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2430.024, test=-2424.110)
total time= 0.8s
[CV 2/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2454.014, test=-2339.878)
total time= 0.8s
[CV 3/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2366.745, test=-2751.865)
total time= 0.8s
[CV 4/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2422.233, test=-2563.045)
total time= 0.8s
[CV 5/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2362.945, test=-2753.538)
total time= 0.8s
[CV 1/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2277.838, test=-2415.667)
total time= 1.5s
[CV 2/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

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[CV 2/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2269.017, test=-2366.667)
total time= 1.5s
[CV 3/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2225.505, test=-2731.010)
total time= 1.5s
[CV 5/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2199.153, test=-2766.791)
total time= 1.5s
[CV 3/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1859.886, test=-2788.369)
total time= 3.9s
[CV 1/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2281.006, test=-2683.933)
total time= 2.4s
[CV 3/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2088.931, test=-2792.494)
total time= 4.8s
[CV 1/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1880.339, test=-2448.245)
total time= 9.6s
[CV 3/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1711.416, test=-2855.845)
total time= 12.0s
[CV 1/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2546.591, test=-2420.371)
total time= 0.5s
[CV 2/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2562.137, test=-2329.705)
total time= 0.5s

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[CV 3/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 5/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2473.272, test=-2705.050)
total time= 0.5s
[CV 3/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2403.820, test=-2735.203)
total time= 1.0s
[CV 1/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2339.240, test=-2415.394)
total time= 2.4s
[CV 4/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2302.091, test=-2568.095)
total time= 2.4s
[CV 2/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2152.611, test=-2421.849)
total time= 4.8s
[CV 5/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2103.109, test=-2709.152)
total time= 4.8s
[CV 1/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1764.278, test=-2487.729)
total time= 12.0s
[CV 4/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1380.444, test=-2719.659)
total time= 23.9s
[CV 2/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250;; score=(train=-1775.991, test=-2514.586)
total time= 12.0s
[CV 5/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1362.334, test=-2823.998)
total time= 24.0s
[CV 1/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-682.062, test=-2637.575)
total time= 19.2s
[CV 4/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-268.648, test=-2753.713)
total time= 38.9s
[CV 2/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-821.800, test=-2628.114)
total time= 19.6s
[CV 5/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-251.301, test=-2963.997)
total time= 38.3s
[CV 3/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-828.531, test=-3001.788)
total time= 19.5s
[CV 1/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2436.993, test=-2418.385)
total time= 0.8s
[CV 2/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2468.890, test=-2338.289)
total time= 0.8s
[CV 3/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2386.704, test=-2759.976)
total time= 0.8s
[CV 4/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=10
[CV 4/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2428.640, test=-2560.031)
total time= 0.8s
[CV 1/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2295.661, test=-2407.932)
total time= 1.6s
[CV 3/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2279.045, test=-2736.244)
total time= 1.5s
[CV 1/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2039.789, test=-2456.367)
total time= 3.9s
[CV 3/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2365.713, test=-2753.318)
total time= 0.7s
[CV 5/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2362.899, test=-2751.767)
total time= 0.8s
[CV 2/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2268.189, test=-2357.225)
total time= 1.5s
[CV 5/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2198.471, test=-2767.337)
total time= 1.6s
[CV 3/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1873.765, test=-2785.817)
total time= 3.8s
[CV 1/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1469.742, test=-2475.920)
total time= 7.8s
[CV 2/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200
[CV 2/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-941.068, test=-2625.866)
total time= 15.6s
[CV 5/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-659.109, test=-2921.728)
total time= 19.3s
[CV 1/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1938.739, test=-2432.416)
total time= 3.9s
[CV 4/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1965.657, test=-2576.429)
total time= 4.0s
[CV 2/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1516.317, test=-2518.370)
total time= 7.7s
[CV 5/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1408.063, test=-2811.889)
total time= 7.6s
[CV 1/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-736.844, test=-2573.877)
total time= 19.1s
[CV 4/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-259.521, test=-2821.594)
total time= 38.9s
[CV 2/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-894.765, test=-2594.097)
total time= 19.4s
[CV 5/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-330.940, test=-2898.345)

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total time= 38.4s
[CV 3/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-896.121, test=-2994.215)
total time= 19.2s
[CV 1/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2454.291, test=-2432.643)
total time= 0.8s
[CV 2/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2469.492, test=-2331.694)
total time= 0.8s
[CV 3/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2372.837, test=-2756.939)
total time= 0.8s
[CV 4/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2422.128, test=-2565.441)
total time= 0.8s
[CV 5/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2365.640, test=-2717.742)
total time= 0.8s
[CV 2/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2318.428, test=-2348.257)
total time= 1.5s
[CV 4/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2293.259, test=-2549.153)
total time= 1.5s
[CV 1/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1973.615, test=-2451.309)
total time= 3.8s
[CV 4/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

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[CV 4/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1983.216, test=-2558.041)
total time= 3.8s
[CV 2/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1605.464, test=-2523.883)
total time= 7.7s
[CV 5/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1526.341, test=-2738.485)
total time= 7.7s
[CV 1/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-944.541, test=-2613.797)
total time= 19.3s
[CV 5/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2406.983, test=-2677.950)
total time= 1.0s
[CV 3/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2282.399, test=-2767.384)
total time= 2.4s
[CV 1/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2168.457, test=-2420.076)
total time= 4.8s
[CV 4/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2134.811, test=-2591.156)
total time= 4.9s
[CV 4/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1864.185, test=-2616.273)
total time= 9.9s
[CV 3/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1359.959, test=-2982.485)
total time= 24.2s

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[CV 1/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-872.686, test=-2600.995)
total time= 15.4s
[CV 4/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-718.463, test=-2706.278)
total time= 19.5s
[CV 4/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2296.548, test=-2552.428)
total time= 1.6s
[CV 2/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1941.134, test=-2435.221)
total time= 3.9s
[CV 5/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1868.298, test=-2782.247)
total time= 4.0s
[CV 3/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1417.767, test=-2839.047)
total time= 7.8s
[CV 1/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-917.518, test=-2538.169)
total time= 15.6s
[CV 4/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-739.248, test=-2731.690)
total time= 19.6s
[CV 5/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2384.766, test=-2758.963)
total time= 0.8s
[CV 2/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20;; score=(train=-2299.363, test=-2366.258)
total time= 1.5s
[CV 4/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2301.634, test=-2539.357)
total time= 1.6s
[CV 1/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2004.549, test=-2446.907)
total time= 3.9s
[CV 4/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1995.383, test=-2564.080)
total time= 4.1s
[CV 2/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1613.267, test=-2496.729)
total time= 8.0s
[CV 5/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1457.271, test=-2791.907)
total time= 7.7s
[CV 1/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-840.410, test=-2590.057)
total time= 19.4s
[CV 4/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-372.008, test=-2814.422)
total time= 39.0s
[CV 2/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-944.983, test=-2598.753)
total time= 19.4s
[CV 5/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-405.652, test=-2941.667)
total time= 38.6s
[CV 3/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 3/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-883.602, test=-2900.455)
total time= 19.2s
[CV 1/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2454.291, test=-2433.564)
total time= 0.8s
[CV 2/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2469.492, test=-2346.621)
total time= 0.8s
[CV 4/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1385.958, test=-2609.857)
total time= 24.0s
[CV 3/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1827.089, test=-2829.390)
total time= 9.6s
[CV 1/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1376.356, test=-2592.499)
total time= 23.9s
[CV 2/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1882.921, test=-2496.144)
total time= 9.6s
[CV 5/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1732.060, test=-2764.635)
total time= 12.2s
[CV 3/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2232.305, test=-2727.403)
total time= 1.5s
[CV 1/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1934.073, test=-2438.923)

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total time= 3.9s
[CV 4/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1981.153, test=-2565.149)
total time= 3.9s
[CV 2/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1534.255, test=-2542.151)
total time= 7.8s
[CV 3/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-867.410, test=-2968.988)
total time= 15.5s
[CV 1/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-235.996, test=-2670.123)
total time= 38.9s
[CV 4/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-897.949, test=-2721.562)
total time= 15.4s
[CV 1/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-293.919, test=-2604.941)
total time= 39.3s
[CV 3/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-983.890, test=-2973.641)
total time= 15.5s
[CV 1/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-360.038, test=-2660.187)
total time= 38.9s
[CV 2/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1160.672, test=-2610.357)
total time= 15.7s
[CV 5/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 5/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-857.683, test=-2895.760)
total time= 19.3s

[CV 2/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 2/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2008.376, test=-2440.827)
total time= 3.8s

[CV 5/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 5/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1865.296, test=-2721.916)
total time= 3.8s

[CV 3/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 3/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1543.731, test=-2778.355)
total time= 7.7s

[CV 1/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 1/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1095.211, test=-2582.327)
total time= 15.3s

[CV 4/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 4/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-897.134, test=-2761.035)
total time= 19.2s

[CV 3/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 3/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2372.837, test=-2756.939)
total time= 0.8s

[CV 5/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 5/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2365.640, test=-2715.789)
total time= 0.8s

[CV 2/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 2/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2318.428, test=-2351.320)
total time= 1.5s

[CV 4/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 4/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2291.132, test=-2547.720)
total time= 1.5s

[CV 2/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50
 [CV 2/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50;; score=(train=-2008.376, test=-2429.518)
 total time= 3.8s
 [CV 5/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50
 [CV 5/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=50;; score=(train=-1865.296, test=-2722.005)
 total time= 3.8s
 [CV 3/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=100
 [CV 3/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=100;; score=(train=-1543.731, test=-2783.131)
 total time= 7.7s
 [CV 2/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
 min_samples_split=10, n_estimators=500
 [CV 2/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
 min_samples_split=10, n_estimators=500;; score=(train=-1385.958, test=-2603.893)
 total time= 24.2s
 [CV 3/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=200
 [CV 3/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=200;; score=(train=-1827.089, test=-2830.782)
 total time= 9.7s
 [CV 1/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=500
 [CV 1/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=500;; score=(train=-1376.356, test=-2595.086)
 total time= 24.1s
 [CV 4/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=100
 [CV 4/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=100;; score=(train=-1450.793, test=-2669.813)
 total time= 7.8s
 [CV 2/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250
 [CV 2/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250;; score=(train=-733.523, test=-2602.126)
 total time= 19.4s
 [CV 5/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500
 [CV 5/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500;; score=(train=-233.951, test=-2951.082)
 total time= 38.6s
 [CV 3/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=250
 [CV 3/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250;; score=(train=-701.133, test=-2982.386)
total time= 19.5s
[CV 1/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2436.222, test=-2428.389)
total time= 0.7s
[CV 2/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2464.728, test=-2340.422)
total time= 0.8s
[CV 3/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2371.362, test=-2758.308)
total time= 0.8s
[CV 4/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2425.782, test=-2563.832)
total time= 0.8s
[CV 1/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2284.405, test=-2407.928)
total time= 1.5s
[CV 3/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2250.395, test=-2741.281)
total time= 1.5s
[CV 5/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2206.602, test=-2739.257)
total time= 1.5s
[CV 3/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1929.711, test=-2780.412)
total time= 3.9s
[CV 1/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1556.709, test=-2501.697)
total time= 7.3s
[CV 4/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 4/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1596.000, test=-2635.096)
total time= 7.8s
[CV 2/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1063.330, test=-2570.831)
total time= 15.6s
[CV 5/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-773.733, test=-2853.300)
total time= 19.4s
[CV 5/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2221.265, test=-2750.622)
total time= 1.5s
[CV 3/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1968.046, test=-2783.282)
total time= 3.9s
[CV 1/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1620.186, test=-2500.857)
total time= 7.8s
[CV 4/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1615.567, test=-2612.446)
total time= 7.8s
[CV 3/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1075.541, test=-2942.880)
total time= 15.6s
[CV 1/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-436.352, test=-2616.474)
total time= 39.0s
[CV 4/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1061.105, test=-2706.711)

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total time= 15.6s
[CV 1/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-430.137, test=-2677.295)
total time= 38.7s
[CV 2/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1106.281, test=-2621.066)
total time= 15.5s
[CV 5/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1519.909, test=-2473.185)
total time= 7.8s
[CV 4/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1455.699, test=-2673.271)
total time= 7.8s
[CV 2/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-957.141, test=-2587.546)
total time= 15.6s
[CV 5/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-685.360, test=-2948.608)
total time= 19.3s
[CV 2/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1991.597, test=-2460.053)
total time= 4.0s
[CV 5/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1857.960, test=-2778.013)
total time= 4.0s
[CV 3/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1544.666, test=-2855.674)
total time= 7.9s
[CV 1/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

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[CV 1/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1018.735, test=-2565.401)
total time= 15.7s
[CV 4/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-876.448, test=-2749.059)
total time= 19.8s
[CV 5/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2384.629, test=-2755.031)
total time= 0.8s
[CV 2/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2311.277, test=-2350.846)
total time= 1.6s
[CV 4/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2318.646, test=-2518.743)
total time= 1.6s
[CV 2/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2016.041, test=-2442.703)
total time= 3.9s
[CV 5/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1926.346, test=-2778.795)
total time= 3.9s
[CV 3/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1569.253, test=-2859.442)
total time= 7.8s
[CV 1/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1114.680, test=-2535.896)
total time= 15.7s
[CV 4/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-949.464, test=-2702.236)
total time= 19.7s

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[CV 1/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2294.962, test=-2421.075)
total time= 1.5s
[CV 3/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2233.485, test=-2752.701)
total time= 1.5s
[CV 5/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2208.213, test=-2676.040)
total time= 1.5s
[CV 3/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1897.089, test=-2750.601)
total time= 3.9s
[CV 1/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1559.201, test=-2510.011)
total time= 7.8s
[CV 4/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1554.445, test=-2585.200)
total time= 7.8s
[CV 5/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1000.664, test=-2831.325)
total time= 15.3s
[CV 3/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-389.214, test=-2968.619)
total time= 39.1s
[CV 4/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1056.508, test=-2734.436)
total time= 15.7s
[CV 3/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500;; score=(train=-389.214, test=-2977.257)
total time= 38.7s
[CV 4/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1046.926, test=-2664.338)
total time= 15.5s
[CV 2/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-412.950, test=-2729.586)
total time= 38.7s
[CV 5/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1845.415, test=-2791.453)
total time= 3.9s
[CV 3/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1423.123, test=-2864.576)
total time= 7.7s
[CV 5/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-873.434, test=-2888.469)
total time= 15.5s
[CV 3/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-221.518, test=-3035.789)
total time= 38.7s
[CV 5/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-869.691, test=-2906.425)
total time= 15.4s
[CV 3/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-239.951, test=-3071.471)
total time= 39.0s
[CV 5/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-916.410, test=-2832.608)
total time= 15.3s
[CV 2/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500;; score=(train=-374.703, test=-2665.791)
total time= 38.9s
[CV 4/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1123.289, test=-2667.621)
total time= 15.6s
[CV 3/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-420.135, test=-3078.916)
total time= 38.7s
[CV 2/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1106.281, test=-2615.510)
total time= 15.4s
[CV 5/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-853.546, test=-2856.806)
total time= 19.3s
[CV 1/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1989.791, test=-2466.001)
total time= 3.9s
[CV 4/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1983.207, test=-2556.038)
total time= 3.9s
[CV 2/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1591.215, test=-2493.974)
total time= 7.7s
[CV 5/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1482.766, test=-2761.428)
total time= 7.7s
[CV 1/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-944.541, test=-2611.690)
total time= 19.4s
[CV 4/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500
[CV 4/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-414.445, test=-2767.569)
total time= 38.5s
[CV 2/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-947.149, test=-2658.677)
total time= 19.6s
[CV 5/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-414.419, test=-2906.931)
total time= 38.6s
[CV 3/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-933.713, test=-2964.606)
total time= 19.1s
[CV 1/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2463.321, test=-2433.585)
total time= 0.8s
[CV 2/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2474.095, test=-2327.798)
total time= 0.8s
[CV 3/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2391.743, test=-2756.546)
total time= 0.8s
[CV 5/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2393.500, test=-2722.450)
total time= 0.8s
[CV 2/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2318.571, test=-2335.877)
total time= 1.5s
[CV 5/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2249.696, test=-2703.413)

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total time= 1.5s
[CV 3/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1939.914, test=-2790.942)
total time= 3.8s
[CV 1/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1648.230, test=-2547.224)
total time= 7.5s
[CV 5/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2103.109, test=-2710.396)
total time= 4.9s
[CV 1/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1764.278, test=-2487.736)
total time= 11.9s
[CV 4/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1380.444, test=-2714.732)
total time= 24.3s
[CV 4/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-875.668, test=-2742.244)
total time= 15.5s
[CV 2/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-260.813, test=-2682.931)
total time= 38.7s
[CV 3/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-878.880, test=-2960.202)
total time= 15.7s
[CV 2/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-296.056, test=-2715.977)
total time= 39.4s
[CV 4/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1052.066, test=-2720.871)

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total time= 15.6s
[CV 3/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-344.320, test=-3078.760)
total time= 39.0s
[CV 5/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1007.342, test=-2886.592)
total time= 15.4s
[CV 2/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-457.275, test=-2666.740)
total time= 38.8s
[CV 3/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1033.730, test=-2873.676)
total time= 15.8s
[CV 2/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-432.095, test=-2733.088)
total time= 38.6s
[CV 3/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1033.730, test=-2864.313)
total time= 15.5s
[CV 1/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-421.546, test=-2702.087)
total time= 38.6s
[CV 2/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1106.281, test=-2617.766)
total time= 15.5s
[CV 5/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-853.546, test=-2861.351)
total time= 19.2s
[CV 4/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

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[CV 4/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2305.045, test=-2547.197)
total time= 1.5s
[CV 2/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2049.467, test=-2425.040)
total time= 3.9s
[CV 5/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1901.027, test=-2699.447)
total time= 3.8s
[CV 3/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1568.765, test=-2846.219)
total time= 7.7s
[CV 1/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1119.457, test=-2498.706)
total time= 15.4s
[CV 4/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-957.233, test=-2744.211)
total time= 19.2s
[CV 4/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2430.624, test=-2569.567)
total time= 0.8s
[CV 1/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2325.501, test=-2439.410)
total time= 1.5s
[CV 3/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2269.810, test=-2740.518)
total time= 1.5s
[CV 1/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2023.378, test=-2497.709)
total time= 3.8s

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[CV 4/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2026.695, test=-2587.279)
total time= 3.9s
[CV 2/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1684.248, test=-2457.815)
total time= 7.6s
[CV 4/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2033.953, test=-2547.624)
total time= 4.0s
[CV 2/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1663.277, test=-2528.199)
total time= 7.8s
[CV 5/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1542.753, test=-2816.757)
total time= 7.7s
[CV 1/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-936.660, test=-2568.955)
total time= 19.5s
[CV 4/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-460.796, test=-2786.931)
total time= 39.2s
[CV 2/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-947.149, test=-2653.539)
total time= 19.5s
[CV 5/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-413.928, test=-2858.440)
total time= 39.0s
[CV 3/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250;; score=(train=-883.602, test=-2904.376)
total time= 19.5s
[CV 2/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2469.492, test=-2339.592)
total time= 0.8s
[CV 4/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2422.128, test=-2565.565)
total time= 0.8s
[CV 1/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2294.960, test=-2418.631)
total time= 1.5s
[CV 3/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2233.485, test=-2752.695)
total time= 1.5s
[CV 1/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1967.307, test=-2454.606)
total time= 3.9s
[CV 4/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1983.216, test=-2554.965)
total time= 3.9s
[CV 2/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1605.464, test=-2524.532)
total time= 7.7s
[CV 5/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1526.340, test=-2734.187)
total time= 7.8s
[CV 1/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-941.906, test=-2616.321)
total time= 19.4s
[CV 4/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500
[CV 4/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-410.693, test=-2834.319)
total time= 38.7s
[CV 2/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-982.761, test=-2606.322)
total time= 19.4s
[CV 5/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-474.394, test=-2837.461)
total time= 38.8s
[CV 4/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1010.765, test=-2743.893)
total time= 19.4s
[CV 2/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2474.095, test=-2328.271)
total time= 0.8s
[CV 4/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2430.624, test=-2569.567)
total time= 0.8s
[CV 1/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2325.501, test=-2440.072)
total time= 1.5s
[CV 3/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2269.814, test=-2740.504)
total time= 1.5s
[CV 1/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2023.378, test=-2499.195)
total time= 3.8s
[CV 4/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2026.695, test=-2584.521)

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total time= 3.9s
[CV 2/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1684.248, test=-2450.112)
total time= 7.9s
[CV 5/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1122.535, test=-2577.946)
total time= 15.4s
[CV 4/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-897.134, test=-2761.600)
total time= 19.1s
[CV 1/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2454.291, test=-2432.352)
total time= 0.8s
[CV 3/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2372.837, test=-2756.939)
total time= 0.8s
[CV 5/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2365.640, test=-2715.693)
total time= 0.8s
[CV 2/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2318.416, test=-2359.264)
total time= 1.5s
[CV 4/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2291.132, test=-2547.538)
total time= 1.6s
[CV 2/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2011.412, test=-2434.561)
total time= 4.0s

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[CV 5/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1917.270, test=-2707.207)
total time= 3.9s
[CV 3/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1543.731, test=-2781.608)
total time= 7.9s
[CV 1/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1122.535, test=-2575.119)
total time= 15.7s
[CV 4/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-880.454, test=-2722.321)
total time= 19.5s
[CV 1/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2312.135, test=-2427.613)
total time= 1.5s
[CV 3/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2255.637, test=-2744.562)
total time= 1.5s
[CV 1/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1997.608, test=-2439.266)
total time= 3.8s
[CV 4/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1982.997, test=-2591.576)
total time= 3.8s
[CV 2/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1611.394, test=-2506.457)
total time= 7.6s
[CV 5/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100;; score=(train=-1538.317, test=-2710.888)
total time= 7.7s
[CV 1/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-974.672, test=-2544.575)
total time= 19.4s
[CV 4/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-510.531, test=-2811.173)
total time= 39.1s
[CV 2/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1007.860, test=-2590.697)
total time= 19.2s
[CV 5/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-505.535, test=-2896.566)
total time= 38.7s
[CV 3/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-959.313, test=-3010.701)
total time= 19.1s
[CV 1/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2463.321, test=-2434.064)
total time= 0.8s
[CV 2/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2474.095, test=-2328.486)
total time= 0.8s
[CV 4/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2430.624, test=-2569.567)
total time= 0.8s
[CV 1/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2325.501, test=-2439.473)
total time= 1.5s
[CV 4/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20
[CV 4/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2310.784, test=-2561.223)
total time= 1.5s
[CV 2/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2422.128, test=-2565.441)
total time= 0.8s
[CV 1/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2294.962, test=-2421.063)
total time= 1.5s
[CV 3/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2233.485, test=-2752.701)
total time= 1.5s
[CV 5/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2208.213, test=-2680.575)
total time= 1.5s
[CV 3/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1897.089, test=-2754.475)
total time= 3.8s
[CV 1/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1592.875, test=-2506.093)
total time= 7.6s
[CV 4/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1554.445, test=-2585.572)
total time= 7.6s
[CV 5/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1000.664, test=-2829.708)
total time= 15.3s
[CV 2/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-432.095, test=-2738.789)

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total time= 38.6s
[CV 3/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1033.730, test=-2868.072)
total time= 15.5s
[CV 1/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-421.546, test=-2696.615)
total time= 38.4s
[CV 2/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1124.189, test=-2590.840)
total time= 15.3s
[CV 5/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-882.828, test=-2798.375)
total time= 19.1s
[CV 4/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2310.784, test=-2561.223)
total time= 1.5s
[CV 2/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2067.135, test=-2397.157)
total time= 3.9s
[CV 5/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1929.861, test=-2711.504)
total time= 3.8s
[CV 3/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1584.900, test=-2852.099)
total time= 7.6s
[CV 1/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1193.733, test=-2621.832)
total time= 15.3s
[CV 3/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

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[CV 3/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-986.658, test=-2978.606)
total time= 19.2s
[CV 1/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2463.321, test=-2433.874)
total time= 0.8s
[CV 3/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2391.743, test=-2756.546)
total time= 0.7s
[CV 5/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2393.500, test=-2722.450)
total time= 0.8s
[CV 2/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2318.571, test=-2331.787)
total time= 1.5s
[CV 5/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2249.695, test=-2702.882)
total time= 1.5s
[CV 3/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1939.921, test=-2789.275)
total time= 3.8s
[CV 1/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1648.230, test=-2542.979)
total time= 7.7s
[CV 4/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1678.803, test=-2625.303)
total time= 7.8s
[CV 5/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1093.622, test=-2814.879)
total time= 15.3s

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[CV 3/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-498.706, test=-3090.540)
total time= 38.9s
[CV 4/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-414.445, test=-2771.897)
total time= 38.6s
[CV 2/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-947.149, test=-2656.073)
total time= 19.4s
[CV 5/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-414.419, test=-2899.385)
total time= 38.7s
[CV 3/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-883.602, test=-2900.543)
total time= 19.5s
[CV 1/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2463.435, test=-2428.384)
total time= 0.8s
[CV 2/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2476.469, test=-2342.230)
total time= 0.8s
[CV 3/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2370.683, test=-2750.879)
total time= 0.8s
[CV 4/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2426.428, test=-2565.534)
total time= 0.8s
[CV 5/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-2367.429, test=-2716.335)
total time= 0.8s
[CV 2/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2321.209, test=-2347.435)
total time= 1.5s
[CV 5/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2218.709, test=-2687.776)
total time= 1.5s
[CV 3/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1953.252, test=-2779.837)
total time= 3.8s
[CV 1/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1569.042, test=-2435.716)
total time= 7.6s
[CV 4/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1560.573, test=-2650.405)
total time= 7.7s
[CV 4/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1112.864, test=-2712.551)
total time= 15.5s
[CV 2/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-472.204, test=-2716.095)
total time= 38.5s
[CV 3/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1104.935, test=-2969.943)
total time= 15.3s
[CV 2/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-540.586, test=-2691.853)
total time= 38.7s
[CV 3/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 3/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1152.397, test=-2939.912)
total time= 15.4s
[CV 1/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-533.587, test=-2730.460)
total time= 37.9s
[CV 2/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1193.984, test=-2561.377)
total time= 15.3s
[CV 5/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-935.444, test=-2838.585)
total time= 19.0s
[CV 3/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2269.814, test=-2740.406)
total time= 1.5s
[CV 1/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2023.378, test=-2498.766)
total time= 3.8s
[CV 4/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2026.695, test=-2587.241)
total time= 3.8s
[CV 2/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1684.248, test=-2452.376)
total time= 7.6s
[CV 5/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1546.190, test=-2782.349)
total time= 7.6s
[CV 1/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1044.226, test=-2650.852)

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total time= 19.1s
[CV 4/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1546.190, test=-2783.351)
total time= 7.7s
[CV 1/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1044.226, test=-2644.944)
total time= 19.3s
[CV 4/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-546.896, test=-2814.927)
total time= 38.6s
[CV 2/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1007.860, test=-2593.296)
total time= 18.9s
[CV 5/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-505.535, test=-2895.884)
total time= 37.8s
[CV 3/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-977.149, test=-2990.125)
total time= 19.1s
[CV 1/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2453.617, test=-2431.616)
total time= 0.8s
[CV 2/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2478.363, test=-2345.218)
total time= 0.8s
[CV 4/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2426.980, test=-2559.821)
total time= 0.7s
[CV 1/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

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[CV 1/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2315.615, test=-2424.880)
total time= 1.5s
[CV 4/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2311.459, test=-2545.300)
total time= 1.5s
[CV 2/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2031.028, test=-2427.017)
total time= 3.7s
[CV 5/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1981.840, test=-2675.758)
total time= 3.8s
[CV 3/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1679.357, test=-2836.656)
total time= 7.6s
[CV 1/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1245.203, test=-2583.693)
total time= 15.2s
[CV 4/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1097.371, test=-2714.128)
total time= 19.2s
[CV 3/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2394.598, test=-2762.871)
total time= 0.8s
[CV 5/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2380.438, test=-2709.405)
total time= 0.8s
[CV 2/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2345.937, test=-2340.528)
total time= 1.5s

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[CV 4/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2311.458, test=-2545.296)
total time= 1.5s
[CV 2/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2030.965, test=-2422.538)
total time= 3.8s
[CV 5/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1981.840, test=-2677.319)
total time= 3.8s
[CV 3/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1663.500, test=-2854.057)
total time= 7.7s
[CV 1/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1281.850, test=-2581.485)
total time= 15.3s
[CV 4/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1113.025, test=-2738.934)
total time= 19.2s
[CV 5/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2380.438, test=-2709.405)
total time= 0.8s
[CV 2/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2345.937, test=-2340.019)
total time= 1.5s
[CV 5/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2251.358, test=-2682.881)
total time= 1.5s
[CV 3/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50;; score=(train=-1995.778, test=-2758.632)
total time= 3.8s
[CV 3/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1089.646, test=-2925.270)
total time= 15.5s
[CV 1/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-473.760, test=-2609.796)
total time= 38.8s
[CV 2/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1193.984, test=-2549.370)
total time= 15.4s
[CV 5/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-935.444, test=-2839.159)
total time= 19.2s
[CV 4/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2310.784, test=-2563.529)
total time= 1.5s
[CV 2/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2067.135, test=-2404.805)
total time= 3.9s
[CV 5/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1904.907, test=-2713.576)
total time= 3.8s
[CV 3/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1575.444, test=-2875.580)
total time= 7.8s
[CV 1/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1193.733, test=-2617.819)
total time= 15.4s
[CV 4/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 4/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1010.765, test=-2747.625)
total time= 19.1s
[CV 3/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2391.743, test=-2756.546)
total time= 0.8s
[CV 5/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2393.500, test=-2722.450)
total time= 0.8s
[CV 2/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2318.571, test=-2334.811)
total time= 1.5s
[CV 5/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2249.686, test=-2702.542)
total time= 1.5s
[CV 3/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1936.348, test=-2785.740)
total time= 3.8s
[CV 1/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1648.230, test=-2546.962)
total time= 7.7s
[CV 4/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1678.803, test=-2623.559)
total time= 7.7s
[CV 5/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1091.362, test=-2825.587)
total time= 15.2s
[CV 3/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-518.481, test=-3104.819)

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total time= 38.3s
[CV 3/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1140.174, test=-2956.230)
total time= 15.4s
[CV 2/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-540.586, test=-2707.001)
total time= 38.2s
[CV 3/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1259.576, test=-2919.026)
total time= 15.2s
[CV 1/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-646.747, test=-2708.456)
total time= 38.1s
[CV 2/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1293.236, test=-2586.873)
total time= 15.2s
[CV 5/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1028.899, test=-2832.083)
total time= 19.0s
[CV 4/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2311.458, test=-2547.451)
total time= 1.5s
[CV 2/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2031.028, test=-2437.216)
total time= 3.8s
[CV 4/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2024.799, test=-2572.737)
total time= 3.9s
[CV 2/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 5/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-853.546, test=-2858.749)
total time= 19.3s
[CV 5/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2208.213, test=-2678.218)
total time= 1.6s
[CV 3/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1897.089, test=-2752.873)
total time= 4.0s
[CV 1/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1561.515, test=-2505.327)
total time= 7.6s
[CV 4/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1525.385, test=-2657.970)
total time= 7.7s
[CV 5/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-988.124, test=-2780.173)
total time= 15.5s
[CV 3/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-389.214, test=-2975.460)
total time= 39.0s
[CV 5/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1064.594, test=-2772.252)
total time= 15.5s
[CV 3/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-437.659, test=-3066.067)
total time= 38.5s
[CV 5/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1093.622, test=-2813.756)
total time= 15.3s

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[CV 3/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500
 [CV 3/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500;; score=(train=-518.481, test=-3108.943)
 total time= 38.9s
 [CV 4/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=200
 [CV 4/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=200;; score=(train=-1189.575, test=-2722.255)
 total time= 15.2s
 [CV 2/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=500
 [CV 2/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=500;; score=(train=-540.586, test=-2694.724)
 total time= 38.3s
 [CV 3/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200
 [CV 3/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=200;; score=(train=-1152.397, test=-2940.027)
 total time= 15.3s
 [CV 1/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=500
 [CV 1/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=500;; score=(train=-533.587, test=-2722.205)
 total time= 38.2s
 [CV 2/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200
 [CV 2/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=200;; score=(train=-1193.984, test=-2554.851)
 total time= 15.2s
 [CV 5/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=250
 [CV 5/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
 min_samples_split=15, n_estimators=250;; score=(train=-935.444, test=-2843.158)
 total time= 19.0s
 [CV 3/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20
 [CV 3/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=20;; score=(train=-2267.893, test=-2746.265)
 total time= 1.5s
 [CV 1/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50
 [CV 1/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50;; score=(train=-2054.378, test=-2449.263)
 total time= 3.8s
 [CV 4/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
 min_samples_split=2, n_estimators=50
 [CV 4/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50;; score=(train=-2024.799, test=-2570.635)
total time= 3.8s
[CV 2/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1690.643, test=-2507.399)
total time= 7.6s
[CV 5/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1660.383, test=-2715.058)
total time= 7.6s
[CV 1/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1107.081, test=-2615.882)
total time= 18.9s
[CV 4/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-673.858, test=-2800.677)
total time= 38.2s
[CV 2/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1125.839, test=-2610.263)
total time= 19.0s
[CV 5/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-587.709, test=-2896.934)
total time= 38.3s
[CV 3/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1062.354, test=-2971.289)
total time= 19.1s
[CV 1/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2453.617, test=-2431.616)
total time= 0.7s
[CV 2/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2478.363, test=-2337.920)
total time= 0.8s
[CV 4/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100
[CV 4/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1678.803, test=-2626.129)
total time= 7.6s
[CV 4/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1189.575, test=-2725.562)
total time= 15.2s
[CV 1/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-533.587, test=-2724.907)
total time= 38.1s
[CV 2/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1193.984, test=-2570.387)
total time= 15.3s
[CV 5/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-921.990, test=-2851.681)
total time= 19.1s
[CV 3/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2269.815, test=-2740.513)
total time= 1.5s
[CV 1/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2023.378, test=-2498.960)
total time= 3.8s
[CV 4/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2026.695, test=-2585.320)
total time= 3.8s
[CV 2/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1684.248, test=-2459.880)
total time= 7.9s
[CV 5/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1546.190, test=-2783.772)

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total time= 7.6s
[CV 1/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1044.226, test=-2647.964)
total time= 19.3s
[CV 4/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-546.896, test=-2812.142)
total time= 38.6s
[CV 2/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1007.860, test=-2589.465)
total time= 19.1s
[CV 5/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-475.595, test=-2906.214)
total time= 37.9s
[CV 3/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1115.698, test=-2938.058)
total time= 19.1s
[CV 1/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2453.617, test=-2431.616)
total time= 0.8s
[CV 2/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2478.363, test=-2346.254)
total time= 0.8s
[CV 4/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2426.980, test=-2561.771)
total time= 0.7s
[CV 1/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2315.615, test=-2426.028)
total time= 1.5s
[CV 3/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

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[CV 3/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2267.893, test=-2746.217)
total time= 1.5s
[CV 1/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2054.378, test=-2450.445)
total time= 3.8s
[CV 4/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2024.799, test=-2570.025)
total time= 3.8s
[CV 2/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1694.880, test=-2533.223)
total time= 7.6s
[CV 5/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1660.383, test=-2712.932)
total time= 7.6s
[CV 1/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1107.081, test=-2614.023)
total time= 18.9s
[CV 4/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-645.021, test=-2784.570)
total time= 38.2s
[CV 2/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1125.837, test=-2626.513)
total time= 18.9s
[CV 5/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-587.709, test=-2897.432)
total time= 38.2s
[CV 3/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100;; score=(train=-1548.436, test=-2743.447)
total time= 7.6s
[CV 1/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1044.226, test=-2646.926)
total time= 19.1s
[CV 4/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-546.896, test=-2813.231)
total time= 38.5s
[CV 2/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1058.474, test=-2600.456)
total time= 19.0s
[CV 5/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-505.535, test=-2893.392)
total time= 38.3s
[CV 3/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-977.149, test=-2994.507)
total time= 19.3s
[CV 1/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2463.321, test=-2433.264)
total time= 0.8s
[CV 2/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2474.095, test=-2333.180)
total time= 0.8s
[CV 3/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2391.743, test=-2756.546)
total time= 0.8s
[CV 5/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2393.500, test=-2722.515)
total time= 0.8s
[CV 2/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20
[CV 2/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2318.571, test=-2336.386)
total time= 1.5s
[CV 5/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2249.696, test=-2702.225)
total time= 1.5s
[CV 3/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1939.914, test=-2789.551)
total time= 3.8s
[CV 1/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1648.230, test=-2545.120)
total time= 7.6s
[CV 4/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1678.803, test=-2622.971)
total time= 7.8s
[CV 4/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1189.575, test=-2725.194)
total time= 15.3s
[CV 1/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-533.587, test=-2724.599)
total time= 38.2s
[CV 2/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1249.429, test=-2599.928)
total time= 15.3s
[CV 5/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1028.899, test=-2830.477)
total time= 19.1s
[CV 5/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2251.358, test=-2682.881)

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total time= 1.5s
[CV 3/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2003.810, test=-2775.903)
total time= 3.8s
[CV 1/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1751.282, test=-2500.603)
total time= 7.7s
[CV 4/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1701.094, test=-2616.849)
total time= 7.7s
[CV 5/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1183.985, test=-2801.954)
total time= 15.3s
[CV 3/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-591.406, test=-3028.073)
total time= 37.8s
[CV 5/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1183.985, test=-2797.212)
total time= 15.1s
[CV 3/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-613.878, test=-3070.443)
total time= 38.2s
[CV 4/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1255.424, test=-2686.945)
total time= 15.4s
[CV 2/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2067.135, test=-2401.676)
total time= 3.8s
[CV 5/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

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[CV 5/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1935.465, test=-2717.405)
total time= 3.8s
[CV 3/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1575.444, test=-2875.541)
total time= 7.7s
[CV 1/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1193.733, test=-2623.972)
total time= 15.3s
[CV 4/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1010.765, test=-2742.869)
total time= 19.1s
[CV 4/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2430.624, test=-2569.567)
total time= 0.8s
[CV 1/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2325.501, test=-2440.417)
total time= 1.5s
[CV 4/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2310.784, test=-2561.223)
total time= 1.5s
[CV 2/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2067.135, test=-2407.261)
total time= 3.8s
[CV 5/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1935.465, test=-2717.944)
total time= 3.8s
[CV 3/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1607.707, test=-2872.801)
total time= 7.6s

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[CV 1/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1193.733, test=-2620.993)
total time= 15.3s
[CV 4/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1010.765, test=-2744.720)
total time= 19.1s
[CV 3/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2394.598, test=-2762.871)
total time= 0.8s
[CV 5/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2380.438, test=-2709.405)
total time= 0.8s
[CV 2/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2345.937, test=-2338.393)
total time= 1.5s
[CV 5/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2251.358, test=-2682.635)
total time= 1.5s
[CV 3/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1995.778, test=-2759.279)
total time= 3.8s
[CV 1/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1718.550, test=-2490.813)
total time= 7.6s
[CV 4/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1701.094, test=-2621.873)
total time= 7.6s
[CV 5/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200;; score=(train=-1183.985, test=-2799.952)
total time= 15.1s
[CV 3/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-613.204, test=-3042.239)
total time= 38.1s
[CV 4/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1275.389, test=-2703.964)
total time= 15.2s
[CV 2/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-632.419, test=-2743.836)
total time= 38.1s
[CV 3/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1233.729, test=-2954.358)
total time= 15.3s
[CV 1/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-646.747, test=-2705.668)
total time= 38.0s
[CV 2/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1293.236, test=-2585.420)
total time= 15.1s
[CV 5/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1028.899, test=-2830.522)
total time= 18.8s
[CV 2/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1864.843, test=-2424.816)
total time= 2.3s
[CV 4/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-546.896, test=-2815.413)
total time= 38.2s
[CV 2/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250;; score=(train=-1125.839, test=-2630.965)
total time= 19.0s
[CV 5/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-587.709, test=-2894.502)
total time= 38.1s
[CV 3/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1115.698, test=-2939.186)
total time= 19.1s
[CV 1/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2453.617, test=-2431.616)
total time= 0.8s
[CV 2/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2478.363, test=-2346.254)
total time= 0.8s
[CV 3/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2394.598, test=-2762.871)
total time= 0.8s
[CV 4/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2426.980, test=-2559.821)
total time= 0.7s
[CV 1/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2315.615, test=-2426.657)
total time= 1.6s
[CV 3/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2267.893, test=-2746.311)
total time= 1.6s
[CV 1/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2054.378, test=-2450.488)
total time= 3.9s
[CV 5/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50
[CV 5/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1981.840, test=-2677.822)
total time= 4.1s
[CV 3/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1633.954, test=-2863.174)
total time= 7.9s
[CV 1/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1281.850, test=-2582.666)
total time= 15.5s
[CV 4/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1097.371, test=-2714.763)
total time= 19.3s
[CV 5/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2380.438, test=-2709.482)
total time= 0.8s
[CV 2/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2345.937, test=-2343.245)
total time= 1.5s
[CV 5/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2251.358, test=-2682.881)
total time= 1.5s
[CV 3/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1989.089, test=-2766.359)
total time= 3.8s
[CV 1/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1751.282, test=-2502.724)
total time= 7.7s
[CV 4/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1701.094, test=-2619.641)

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total time= 7.8s
[CV 5/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1183.985, test=-2796.620)
total time= 15.3s
[CV 3/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-613.204, test=-3040.287)
total time= 38.3s
[CV 2/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-160.130, test=-2659.495)
total time= 23.5s
[CV 5/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-73.437, test=-2898.224)
total time= 29.2s
[CV 1/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1156.230, test=-2525.105)
total time= 5.7s
[CV 4/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1270.858, test=-2683.450)
total time= 5.9s
[CV 2/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-627.025, test=-2614.591)
total time= 11.7s
[CV 5/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-479.412, test=-2932.222)
total time= 11.5s
[CV 4/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1189.575, test=-2723.913)
total time= 15.4s
[CV 2/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

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[CV 2/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-563.668, test=-2685.667)
total time= 38.6s
[CV 5/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1093.622, test=-2811.181)
total time= 15.4s
[CV 3/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-516.683, test=-3060.131)
total time= 38.4s
[CV 4/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1275.389, test=-2703.621)
total time= 15.2s
[CV 2/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-644.085, test=-2725.365)
total time= 38.0s
[CV 3/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1259.576, test=-2917.814)
total time= 15.3s
[CV 1/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-646.747, test=-2703.834)
total time= 38.1s
[CV 2/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1293.236, test=-2591.340)
total time= 15.4s
[CV 5/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1028.899, test=-2833.166)
total time= 19.2s
[CV 4/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2311.458, test=-2547.451)
total time= 1.5s

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[CV 2/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2030.966, test=-2423.162)
total time= 3.7s
[CV 5/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1981.840, test=-2677.997)
total time= 3.8s
[CV 3/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1679.357, test=-2835.777)
total time= 7.6s
[CV 1/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1281.850, test=-2584.645)
total time= 15.1s
[CV 4/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1113.025, test=-2733.425)
total time= 18.9s
[CV 2/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2201.577, test=-2380.324)
total time= 1.1s
[CV 4/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2176.765, test=-2599.372)
total time= 1.1s
[CV 1/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1804.749, test=-2462.406)
total time= 2.2s
[CV 4/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1861.254, test=-2620.653)
total time= 2.2s
[CV 2/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,


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min_samples_split=2, n_estimators=50;; score=(train=-1227.469, test=-2532.991)
total time= 5.8s
[CV 5/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1134.256, test=-2816.241)
total time= 5.7s
[CV 3/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-554.934, test=-2901.578)
total time= 11.5s
[CV 4/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-181.318, test=-2827.909)
total time= 23.5s
[CV 3/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-3.058, test=-2972.529)
total time= 58.0s
[CV 4/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-160.509, test=-2808.206)
total time= 23.3s
[CV 3/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-2.679, test=-3075.858)
total time= 57.1s
[CV 4/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-253.625, test=-2734.183)
total time= 22.9s
[CV 2/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1690.643, test=-2499.765)
total time= 7.5s
[CV 5/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1660.383, test=-2715.391)
total time= 7.6s
[CV 1/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=250
[CV 1/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1107.081, test=-2615.410)
total time= 19.1s
[CV 4/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-673.858, test=-2805.686)
total time= 38.8s
[CV 2/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1125.837, test=-2614.083)
total time= 19.1s
[CV 5/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-587.709, test=-2891.701)
total time= 38.1s
[CV 3/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-67.930, test=-2929.418)
total time= 29.0s
[CV 5/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-4.384, test=-2895.944)
total time= 58.4s
[CV 3/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-64.434, test=-3071.011)
total time= 28.7s
[CV 1/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2200.657, test=-2452.355)
total time= 1.1s
[CV 2/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2241.917, test=-2377.401)
total time= 1.1s
[CV 3/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2143.417, test=-2778.698)

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total time= 1.1s
[CV 5/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2190.991, test=-2750.796)
total time= 1.2s
[CV 2/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1961.475, test=-2407.837)
total time= 2.4s
[CV 4/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1916.026, test=-2630.375)
total time= 2.2s
[CV 1/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1259.622, test=-2525.295)
total time= 5.5s
[CV 4/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1367.858, test=-2660.116)
total time= 5.7s
[CV 2/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-796.452, test=-2567.309)
total time= 11.4s
[CV 1/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-271.714, test=-2585.101)
total time= 22.9s
[CV 3/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-148.255, test=-2929.345)
total time= 28.6s
[CV 1/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2240.716, test=-2465.384)
total time= 1.1s
[CV 2/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

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[CV 2/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2308.339, test=-2366.393)
total time= 1.1s
[CV 3/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2168.804, test=-2747.459)
total time= 1.1s
[CV 5/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2194.247, test=-2751.366)
total time= 1.1s
[CV 2/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2012.444, test=-2389.078)
total time= 2.2s
[CV 4/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2004.568, test=-2593.919)
total time= 2.3s
[CV 2/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1391.634, test=-2502.922)
total time= 5.6s
[CV 5/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1326.405, test=-2777.459)
total time= 5.6s
[CV 3/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-878.738, test=-2860.761)
total time= 11.4s
[CV 1/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1718.550, test=-2488.243)
total time= 7.2s
[CV 4/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1703.465, test=-2615.591)
total time= 7.8s

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[CV 4/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1275.389, test=-2701.320)
total time= 15.2s
[CV 2/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-644.085, test=-2734.742)
total time= 37.8s
[CV 3/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1259.576, test=-2919.548)
total time= 15.2s
[CV 1/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-646.747, test=-2706.697)
total time= 37.9s
[CV 4/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-648.455, test=-2793.872)
total time= 11.7s
[CV 1/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-72.335, test=-2585.500)
total time= 29.0s
[CV 4/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-4.180, test=-2755.486)
total time= 58.4s
[CV 2/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-102.335, test=-2676.998)
total time= 29.1s
[CV 5/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-3.913, test=-2957.154)
total time= 58.3s
[CV 4/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250;; score=(train=-167.172, test=-2751.074)
total time= 29.1s
[CV 4/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2259.466, test=-2582.910)
total time= 1.1s
[CV 1/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1989.862, test=-2491.689)
total time= 2.2s
[CV 3/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1926.871, test=-2729.965)
total time= 2.2s
[CV 1/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1515.188, test=-2540.555)
total time= 5.7s
[CV 4/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1483.983, test=-2636.776)
total time= 5.7s
[CV 2/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-909.444, test=-2561.672)
total time= 11.5s
[CV 1/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-445.336, test=-2638.262)
total time= 23.3s
[CV 4/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-277.341, test=-2803.975)
total time= 28.9s
[CV 4/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2238.390, test=-2607.518)
total time= 1.1s
[CV 1/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20
[CV 1/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1963.030, test=-2474.117)
total time= 2.2s
[CV 3/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1902.121, test=-2783.091)
total time= 2.2s
[CV 1/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1334.221, test=-2554.752)
total time= 5.5s
[CV 4/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1323.481, test=-2653.616)
total time= 5.5s
[CV 2/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-829.816, test=-2574.815)
total time= 11.3s
[CV 5/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-826.447, test=-2843.741)
total time= 11.3s
[CV 1/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-228.043, test=-2692.736)
total time= 28.3s
[CV 4/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-632.419, test=-2730.705)
total time= 38.4s
[CV 5/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-512.351, test=-2880.377)
total time= 11.5s
[CV 2/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-83.792, test=-2678.268)

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total time= 29.4s
[CV 1/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2151.264, test=-2457.889)
total time= 1.1s
[CV 2/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2204.829, test=-2364.634)
total time= 1.2s
[CV 3/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2114.001, test=-2776.960)
total time= 1.1s
[CV 4/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2187.051, test=-2601.293)
total time= 1.1s
[CV 5/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2167.493, test=-2775.546)
total time= 1.2s
[CV 1/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1851.287, test=-2491.826)
total time= 2.2s
[CV 2/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1891.148, test=-2422.186)
total time= 2.3s
[CV 3/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1829.082, test=-2799.168)
total time= 2.2s
[CV 5/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1864.123, test=-2784.702)
total time= 2.3s
[CV 3/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

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[CV 3/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1157.416, test=-2884.116)
total time= 5.7s
[CV 1/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-648.320, test=-2560.390)
total time= 11.7s
[CV 4/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-649.663, test=-2753.450)
total time= 11.8s
[CV 2/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-187.654, test=-2657.828)
total time= 23.4s
[CV 5/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-86.751, test=-2934.224)
total time= 28.8s
[CV 2/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1359.235, test=-2490.984)
total time= 5.7s
[CV 5/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1222.286, test=-2853.246)
total time= 5.6s
[CV 3/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-701.073, test=-2868.299)
total time= 11.3s
[CV 5/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-647.930, test=-2904.604)
total time= 11.3s
[CV 1/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-166.121, test=-2595.319)
total time= 28.5s

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[CV 4/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-18.988, test=-2766.457)
total time= 57.7s
[CV 2/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-283.421, test=-2642.826)
total time= 29.1s
[CV 5/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-31.408, test=-2896.269)
total time= 57.3s
[CV 3/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-225.199, test=-2996.215)
total time= 28.5s
[CV 1/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2240.832, test=-2485.522)
total time= 1.1s
[CV 2/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2267.843, test=-2363.543)
total time= 1.1s
[CV 3/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2132.886, test=-2786.534)
total time= 1.1s
[CV 5/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1896.986, test=-2759.842)
total time= 2.3s
[CV 3/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1124.788, test=-2854.026)
total time= 5.6s
[CV 1/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100;; score=(train=-509.839, test=-2582.864)
total time= 11.4s
[CV 1/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-150.735, test=-2608.195)
total time= 23.2s
[CV 4/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-100.139, test=-2839.401)
total time= 29.3s
[CV 4/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1913.108, test=-2593.166)
total time= 2.3s
[CV 2/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1276.754, test=-2522.945)
total time= 5.8s
[CV 5/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1058.961, test=-2870.877)
total time= 5.6s
[CV 3/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-498.590, test=-3000.181)
total time= 11.3s
[CV 1/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-176.249, test=-2581.215)
total time= 23.1s
[CV 4/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-74.664, test=-2813.974)
total time= 29.0s
[CV 4/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2218.379, test=-2626.440)
total time= 1.1s
[CV 1/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20
[CV 1/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1857.434, test=-2477.792)
total time= 2.2s
[CV 3/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1879.184, test=-2751.418)
total time= 2.3s
[CV 5/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1899.249, test=-2766.325)
total time= 2.2s
[CV 3/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1283.718, test=-2830.892)
total time= 5.6s
[CV 1/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-688.866, test=-2604.886)
total time= 11.3s
[CV 4/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-760.584, test=-2687.065)
total time= 11.5s
[CV 2/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-317.641, test=-2594.198)
total time= 23.3s
[CV 5/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-158.697, test=-2930.603)
total time= 28.8s
[CV 5/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1931.905, test=-2744.358)
total time= 2.2s
[CV 3/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1385.765, test=-2802.630)

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total time= 5.6s
[CV 1/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-953.165, test=-2592.903)
total time= 11.6s
[CV 4/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-939.272, test=-2726.296)
total time= 11.6s
[CV 4/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-403.273, test=-2794.144)
total time= 23.2s
[CV 2/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-50.521, test=-2668.319)
total time= 58.1s
[CV 3/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-304.954, test=-2996.120)
total time= 22.6s
[CV 5/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-257.338, test=-2866.919)
total time= 28.6s
[CV 2/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2394.598, test=-2762.871)
total time= 0.8s
[CV 4/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2426.980, test=-2559.821)
total time= 0.8s
[CV 1/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2315.615, test=-2425.073)
total time= 1.5s

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[CV 3/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2267.893, test=-2746.172)
total time= 1.5s
[CV 1/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2054.378, test=-2450.957)
total time= 3.7s
[CV 4/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2024.799, test=-2569.703)
total time= 3.8s
[CV 2/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1694.880, test=-2527.278)
total time= 7.5s
[CV 5/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1660.383, test=-2715.912)
total time= 7.6s
[CV 1/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1107.081, test=-2616.142)
total time= 18.7s
[CV 4/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-645.021, test=-2787.679)
total time= 38.0s
[CV 5/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-133.880, test=-2894.529)
total time= 23.1s
[CV 2/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-4.343, test=-2672.228)
total time= 58.4s
[CV 5/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200;; score=(train=-123.100, test=-2947.858)
total time= 22.9s
[CV 2/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-7.238, test=-2675.863)
total time= 58.6s
[CV 5/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-243.229, test=-2919.733)
total time= 23.2s
[CV 3/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-13.938, test=-2945.566)
total time= 57.6s
[CV 5/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-318.069, test=-2876.397)
total time= 22.7s
[CV 3/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-37.569, test=-2978.663)
total time= 57.8s
[CV 4/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-348.183, test=-2771.304)
total time= 22.7s
[CV 2/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-32.499, test=-2670.282)
total time= 57.2s
[CV 4/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-348.183, test=-2773.944)
total time= 22.7s
[CV 2/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-33.899, test=-2690.695)
total time= 56.2s
[CV 3/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=200
[CV 3/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-304.954, test=-2995.683)
total time= 22.5s
[CV 5/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-245.320, test=-2875.481)
total time= 28.7s
[CV 3/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1887.043, test=-2759.775)
total time= 2.2s
[CV 1/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1418.461, test=-2558.314)
total time= 5.6s
[CV 4/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1471.895, test=-2628.993)
total time= 5.7s
[CV 2/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-995.451, test=-2582.780)
total time= 11.4s
[CV 5/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1062.354, test=-2967.014)
total time= 19.2s
[CV 1/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2159.910, test=-2459.975)
total time= 1.1s
[CV 3/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2088.539, test=-2771.514)
total time= 1.1s
[CV 5/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2163.727, test=-2770.836)

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total time= 1.2s
[CV 3/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1801.815, test=-2777.927)
total time= 2.2s
[CV 1/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1136.041, test=-2530.772)
total time= 5.7s
[CV 4/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1187.582, test=-2727.409)
total time= 5.8s
[CV 2/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-601.161, test=-2618.857)
total time= 11.7s
[CV 3/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-138.797, test=-2926.473)
total time= 23.3s
[CV 1/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-3.726, test=-2619.372)
total time= 58.6s
[CV 3/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-133.135, test=-3054.282)
total time= 23.0s
[CV 1/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-6.065, test=-2588.236)
total time= 58.2s
[CV 3/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-230.201, test=-2909.034)
total time= 22.7s
[CV 1/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

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[CV 1/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-19.892, test=-2611.265)
total time= 58.3s

[CV 2/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 2/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-395.342, test=-2625.853)
total time= 23.4s

[CV 5/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 5/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-216.499, test=-2875.821)
total time= 28.2s

[CV 5/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 5/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1984.950, test=-2731.909)
total time= 2.2s

[CV 3/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 3/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1386.726, test=-2882.437)
total time= 5.6s

[CV 1/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 1/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-782.792, test=-2609.196)
total time= 11.1s

[CV 4/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 4/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-803.543, test=-2752.899)
total time= 11.4s

[CV 2/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 2/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-327.786, test=-2664.852)
total time= 22.9s

[CV 1/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 1/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-34.198, test=-2698.231)
total time= 57.2s

[CV 3/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 3/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-304.954, test=-2995.385)
total time= 22.4s

[CV 1/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-35.212, test=-2704.985)
total time= 56.6s
[CV 2/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-369.953, test=-2685.091)
total time= 22.8s
[CV 1/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-35.212, test=-2704.292)
total time= 57.4s
[CV 2/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-473.106, test=-2671.931)
total time= 22.9s
[CV 5/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-304.294, test=-2878.292)
total time= 28.5s
[CV 5/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2020.149, test=-2721.352)
total time= 2.2s
[CV 1/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-86.370, test=-2598.742)
total time= 28.9s
[CV 4/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-6.095, test=-2824.733)
total time= 58.2s
[CV 2/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-220.550, test=-2609.994)
total time= 29.4s
[CV 5/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500;; score=(train=-16.393, test=-2939.049)
total time= 58.2s
[CV 3/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-249.289, test=-2959.478)
total time= 28.6s
[CV 1/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2240.832, test=-2484.002)
total time= 1.1s
[CV 2/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2267.843, test=-2364.820)
total time= 1.1s
[CV 3/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2132.886, test=-2787.459)
total time= 1.0s
[CV 5/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2214.996, test=-2747.428)
total time= 1.1s
[CV 2/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1941.365, test=-2412.747)
total time= 2.2s
[CV 4/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1966.403, test=-2605.358)
total time= 2.2s
[CV 2/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1409.389, test=-2493.792)
total time= 5.6s
[CV 5/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1436.126, test=-2782.500)
total time= 5.7s
[CV 3/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 3/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-838.353, test=-2918.300)
total time= 11.7s
[CV 1/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-388.446, test=-2672.837)
total time= 22.9s
[CV 4/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-224.477, test=-2783.755)
total time= 28.7s
[CV 4/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2238.390, test=-2608.361)
total time= 1.1s
[CV 1/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1963.033, test=-2471.168)
total time= 2.2s
[CV 3/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1902.121, test=-2784.341)
total time= 2.2s
[CV 5/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1984.950, test=-2732.251)
total time= 2.3s
[CV 3/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1386.726, test=-2881.847)
total time= 5.6s
[CV 1/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-782.792, test=-2615.511)
total time= 11.3s
[CV 4/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-769.518, test=-2734.770)

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total time= 11.3s
[CV 5/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-360.688, test=-2879.877)
total time= 23.0s
[CV 3/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-26.325, test=-3021.289)
total time= 57.1s
[CV 4/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-355.904, test=-2813.348)
total time= 23.0s
[CV 2/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-34.024, test=-2679.392)
total time= 57.6s
[CV 4/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-471.459, test=-2733.197)
total time= 22.8s
[CV 3/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-46.640, test=-3012.364)
total time= 56.3s
[CV 5/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2214.996, test=-2744.818)
total time= 1.1s
[CV 2/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1941.364, test=-2406.025)
total time= 2.2s
[CV 4/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1966.403, test=-2603.523)
total time= 2.2s
[CV 1/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

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[CV 1/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1329.390, test=-2553.651)
total time= 5.5s
[CV 4/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1357.478, test=-2665.749)
total time= 5.6s
[CV 2/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-760.954, test=-2578.443)
total time= 11.2s
[CV 5/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-846.686, test=-2836.828)
total time= 11.4s
[CV 1/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-241.991, test=-2691.424)
total time= 28.7s
[CV 4/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-35.766, test=-2792.647)
total time= 57.2s
[CV 2/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-207.251, test=-2676.796)
total time= 28.1s
[CV 5/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-40.755, test=-2884.867)
total time= 57.7s
[CV 3/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-258.413, test=-2989.950)
total time= 28.0s
[CV 1/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2277.602, test=-2459.475)
total time= 1.1s

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[CV 2/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2332.313, test=-2343.670)
total time= 1.1s
[CV 3/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2230.800, test=-2754.065)
total time= 1.1s
[CV 5/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2261.195, test=-2721.478)
total time= 1.1s
[CV 2/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2086.828, test=-2359.630)
total time= 2.2s
[CV 4/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2061.177, test=-2586.541)
total time= 2.2s
[CV 2/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1576.092, test=-2467.350)
total time= 5.5s
[CV 5/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1501.071, test=-2760.825)
total time= 5.5s
[CV 3/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-995.784, test=-2857.347)
total time= 11.1s
[CV 1/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-488.623, test=-2663.443)
total time= 22.4s
[CV 3/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250;; score=(train=-344.637, test=-2936.267)
total time= 28.5s
[CV 1/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2277.602, test=-2457.806)
total time= 1.1s
[CV 3/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2230.800, test=-2754.081)
total time= 1.1s
[CV 5/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2261.195, test=-2721.287)
total time= 1.2s
[CV 2/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2086.828, test=-2357.089)
total time= 2.3s
[CV 4/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2061.177, test=-2586.637)
total time= 2.5s
[CV 2/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1593.156, test=-2467.940)
total time= 5.8s
[CV 5/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-814.165, test=-2822.319)
total time= 11.4s
[CV 1/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-343.836, test=-2656.966)
total time= 29.1s
[CV 4/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-50.152, test=-2838.026)
total time= 57.6s
[CV 2/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 2/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-224.694, test=-2648.038)
total time= 28.7s
[CV 5/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-31.641, test=-2898.297)
total time= 57.3s
[CV 3/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-192.760, test=-3007.840)
total time= 28.5s
[CV 1/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2240.832, test=-2485.325)
total time= 1.1s
[CV 3/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2132.886, test=-2785.297)
total time= 1.1s
[CV 5/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2214.996, test=-2744.884)
total time= 1.1s
[CV 2/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1941.365, test=-2405.653)
total time= 2.2s
[CV 4/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1966.403, test=-2602.675)
total time= 2.4s
[CV 2/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1396.633, test=-2502.531)
total time= 5.5s
[CV 5/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1436.126, test=-2785.267)

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total time= 5.7s
[CV 3/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-838.353, test=-2913.639)
total time= 11.3s
[CV 1/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-388.446, test=-2678.312)
total time= 22.8s
[CV 4/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-224.477, test=-2787.275)
total time= 28.5s
[CV 3/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2136.823, test=-2762.768)
total time= 1.0s
[CV 5/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2242.018, test=-2736.051)
total time= 1.1s
[CV 2/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2051.759, test=-2411.190)
total time= 2.3s
[CV 5/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1978.882, test=-2741.788)
total time= 2.2s
[CV 3/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1392.323, test=-2822.540)
total time= 5.5s
[CV 1/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-919.988, test=-2585.544)
total time= 11.2s
[CV 4/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

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[CV 4/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-913.277, test=-2699.616)
total time= 11.1s

[CV 5/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 5/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-428.514, test=-2874.900)
total time= 22.6s

[CV 2/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 2/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-61.040, test=-2734.586)
total time= 56.7s

[CV 4/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 4/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-583.218, test=-2776.424)
total time= 22.7s

[CV 2/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 2/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-94.770, test=-2675.777)
total time= 58.2s

[CV 4/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 4/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-583.218, test=-2778.891)
total time= 23.8s

[CV 2/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 2/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1409.390, test=-2497.340)
total time= 5.6s

[CV 5/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 5/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1436.126, test=-2782.460)
total time= 5.7s

[CV 3/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 3/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-818.668, test=-2945.309)
total time= 11.2s

[CV 1/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 1/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-350.011, test=-2665.233)
total time= 22.6s

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[CV 4/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-233.112, test=-2743.078)
total time= 28.3s
[CV 2/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2267.843, test=-2357.653)
total time= 1.1s
[CV 4/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2238.390, test=-2606.070)
total time= 1.1s
[CV 1/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1963.033, test=-2471.198)
total time= 2.2s
[CV 3/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1902.121, test=-2784.924)
total time= 2.2s
[CV 1/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1318.403, test=-2580.464)
total time= 5.6s
[CV 4/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1357.478, test=-2674.133)
total time= 5.6s
[CV 2/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-808.336, test=-2584.837)
total time= 11.2s
[CV 5/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-933.318, test=-2857.927)
total time= 11.5s
[CV 1/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250;; score=(train=-228.043, test=-2690.679)
total time= 28.3s
[CV 4/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-35.766, test=-2795.530)
total time= 57.3s
[CV 2/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-333.984, test=-2694.874)
total time= 28.6s
[CV 5/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-68.416, test=-2895.542)
total time= 57.7s
[CV 4/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-434.818, test=-2793.279)
total time= 28.8s
[CV 2/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2332.313, test=-2339.685)
total time= 1.1s
[CV 4/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2295.269, test=-2590.794)
total time= 1.1s
[CV 1/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2022.703, test=-2452.045)
total time= 2.3s
[CV 3/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2001.646, test=-2742.714)
total time= 2.3s
[CV 1/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1517.541, test=-2487.831)
total time= 5.9s
[CV 4/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 4/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1580.645, test=-2644.677)
total time= 5.8s
[CV 2/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1013.467, test=-2562.211)
total time= 11.5s
[CV 5/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-973.791, test=-2853.977)
total time= 11.6s
[CV 1/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-348.303, test=-2685.983)
total time= 29.2s
[CV 4/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-104.645, test=-2806.871)
total time= 57.1s
[CV 2/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-365.853, test=-2655.083)
total time= 28.2s
[CV 4/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-35.766, test=-2794.059)
total time= 57.7s
[CV 2/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-220.461, test=-2668.281)
total time= 28.7s
[CV 5/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-34.791, test=-2910.380)
total time= 57.7s
[CV 3/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-192.760, test=-3008.067)
total time= 28.4s
[CV 1/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10
[CV 1/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2278.391, test=-2466.017)
total time= 1.1s
[CV 2/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2313.649, test=-2359.968)
total time= 1.2s
[CV 4/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2241.964, test=-2562.321)
total time= 1.1s
[CV 1/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2030.998, test=-2462.108)
total time= 2.3s
[CV 4/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1993.847, test=-2577.918)
total time= 2.2s
[CV 2/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1535.993, test=-2500.285)
total time= 5.6s
[CV 5/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1407.381, test=-2783.433)
total time= 5.6s
[CV 3/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-919.344, test=-2900.517)
total time= 11.3s
[CV 1/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-449.040, test=-2674.709)
total time= 22.7s
[CV 4/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-338.959, test=-2760.027)

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total time= 28.4s
[CV 4/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2295.269, test=-2590.417)
total time= 1.1s
[CV 1/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2022.703, test=-2451.719)
total time= 2.1s
[CV 3/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2001.646, test=-2743.611)
total time= 2.1s
[CV 1/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1517.541, test=-2485.876)
total time= 5.5s
[CV 4/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1580.645, test=-2647.504)
total time= 5.5s
[CV 2/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1021.316, test=-2546.494)
total time= 11.0s
[CV 5/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-925.017, test=-2849.185)
total time= 11.3s
[CV 1/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-342.290, test=-2685.878)
total time= 28.1s
[CV 4/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-104.645, test=-2807.103)
total time= 58.5s
[CV 2/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

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[CV 2/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-375.030, test=-2643.284)
total time= 28.6s
[CV 5/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-94.096, test=-2932.072)
total time= 56.5s
[CV 3/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-379.894, test=-2927.776)
total time= 28.4s
[CV 1/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2277.602, test=-2460.125)
total time= 1.1s
[CV 2/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2332.313, test=-2350.758)
total time= 1.1s
[CV 3/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2230.800, test=-2754.065)
total time= 1.1s
[CV 3/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-489.051, test=-2920.239)
total time= 22.8s
[CV 1/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-74.534, test=-2713.004)
total time= 58.0s
[CV 2/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-485.307, test=-2631.416)
total time= 23.4s
[CV 5/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-345.114, test=-2908.275)
total time= 28.5s

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[CV 4/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2061.177, test=-2586.064)
total time= 2.2s
[CV 2/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1576.095, test=-2462.160)
total time= 5.7s
[CV 5/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1501.071, test=-2756.863)
total time= 5.6s
[CV 3/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-995.784, test=-2859.028)
total time= 11.3s
[CV 1/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-497.703, test=-2674.766)
total time= 22.7s
[CV 4/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-434.818, test=-2791.203)
total time= 28.5s
[CV 5/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2261.195, test=-2721.137)
total time= 1.1s
[CV 2/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2086.832, test=-2356.135)
total time= 2.2s
[CV 5/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2020.149, test=-2718.565)
total time= 2.2s
[CV 3/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50;; score=(train=-1418.864, test=-2798.016)
total time= 5.4s
[CV 5/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1501.071, test=-2758.969)
total time= 5.5s
[CV 3/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-995.784, test=-2861.524)
total time= 11.3s
[CV 1/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-488.623, test=-2660.418)
total time= 22.4s
[CV 4/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-434.818, test=-2796.388)
total time= 28.6s
[CV 2/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2346.850, test=-2353.808)
total time= 1.1s
[CV 4/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2306.419, test=-2588.898)
total time= 1.1s
[CV 1/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2093.440, test=-2451.072)
total time= 2.2s
[CV 4/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2068.932, test=-2580.153)
total time= 2.1s
[CV 2/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1685.280, test=-2528.952)
total time= 5.6s
[CV 5/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 5/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1524.849, test=-2801.716)
total time= 5.5s
[CV 3/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1130.037, test=-2902.436)
total time= 11.2s
[CV 1/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-605.187, test=-2646.584)
total time= 22.0s
[CV 4/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-476.177, test=-2805.097)
total time= 27.7s
[CV 3/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2247.259, test=-2790.200)
total time= 1.1s
[CV 5/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-27.009, test=-2625.633)
total time= 58.6s
[CV 3/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-381.064, test=-2951.588)
total time= 23.1s
[CV 1/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-52.132, test=-2679.310)
total time= 58.3s
[CV 5/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-338.601, test=-2890.503)
total time= 22.9s
[CV 3/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-26.706, test=-3019.234)

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total time= 56.4s
[CV 2/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-314.199, test=-2642.622)
total time= 22.5s
[CV 5/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-245.907, test=-2892.699)
total time= 28.5s
[CV 5/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1984.950, test=-2731.092)
total time= 2.4s
[CV 3/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1386.743, test=-2881.641)
total time= 5.6s
[CV 1/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-861.605, test=-2622.124)
total time= 11.3s
[CV 4/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-803.543, test=-2755.121)
total time= 11.3s
[CV 5/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-367.670, test=-2865.622)
total time= 22.8s
[CV 3/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-26.325, test=-3023.329)
total time= 56.7s
[CV 3/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-383.416, test=-2972.291)
total time= 22.7s
[CV 1/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 1/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-73.421, test=-2699.749)
total time= 57.5s

[CV 5/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 5/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-474.068, test=-2903.733)
total time= 22.5s

[CV 3/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 3/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-85.269, test=-2977.847)
total time= 58.0s

[CV 3/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 3/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-498.948, test=-2942.709)
total time= 23.5s

[CV 1/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 1/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-80.974, test=-2709.868)
total time= 56.7s

[CV 2/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-485.307, test=-2623.936)
total time= 22.5s

[CV 5/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-363.408, test=-2905.994)
total time= 28.3s

[CV 4/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 4/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2061.177, test=-2584.459)
total time= 2.2s

[CV 2/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 2/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1593.144, test=-2469.002)
total time= 5.6s

[CV 1/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 1/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-945.500, test=-2605.394)
total time= 11.1s

[CV 4/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1037.193, test=-2715.298)
total time= 11.2s
[CV 4/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-583.218, test=-2779.321)
total time= 22.6s
[CV 2/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-94.770, test=-2678.421)
total time= 56.6s
[CV 4/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-614.255, test=-2793.739)
total time= 22.2s
[CV 1/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-132.534, test=-2692.042)
total time= 55.8s
[CV 5/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-890.703, test=-2838.735)
total time= 11.3s
[CV 1/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-324.727, test=-2656.145)
total time= 28.7s
[CV 4/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-63.950, test=-2784.991)
total time= 57.2s
[CV 2/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-365.853, test=-2653.773)
total time= 28.4s
[CV 5/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-94.096, test=-2930.437)
total time= 58.3s


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[CV 3/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-348.636, test=-2959.174)
total time= 28.4s
[CV 1/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2277.602, test=-2458.484)
total time= 1.1s
[CV 2/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2332.313, test=-2335.945)
total time= 1.1s
[CV 4/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2295.269, test=-2590.207)
total time= 1.1s
[CV 1/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2022.725, test=-2452.869)
total time= 2.2s
[CV 3/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2001.646, test=-2742.237)
total time= 2.2s
[CV 1/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1510.826, test=-2543.067)
total time= 5.6s
[CV 4/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1580.645, test=-2647.269)
total time= 5.6s
[CV 2/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-995.332, test=-2538.868)
total time= 11.0s
[CV 5/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=100;; score=(train=-925.017, test=-2851.369)
total time= 11.0s
[CV 1/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-342.290, test=-2681.778)
total time= 27.3s
[CV 4/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-104.645, test=-2806.773)
total time= 56.3s
[CV 2/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-396.818, test=-2681.689)
total time= 28.4s
[CV 5/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-94.096, test=-2934.202)
total time= 56.9s
[CV 3/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-495.886, test=-3020.211)
total time= 28.1s
[CV 1/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2307.477, test=-2455.001)
total time= 1.1s
[CV 2/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2346.850, test=-2355.482)
total time= 1.1s
[CV 4/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2306.419, test=-2589.127)
total time= 1.1s
[CV 1/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2093.355, test=-2446.956)
total time= 2.1s
[CV 3/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20
[CV 3/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2041.454, test=-2775.726)
total time= 2.2s
[CV 1/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1624.334, test=-2480.935)
total time= 5.5s
[CV 4/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1575.641, test=-2669.132)
total time= 5.3s
[CV 2/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1234.002, test=-2603.126)
total time= 11.1s
[CV 5/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1033.939, test=-2830.229)
total time= 11.0s
[CV 4/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2295.269, test=-2591.269)
total time= 1.1s
[CV 1/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2022.703, test=-2455.134)
total time= 2.1s
[CV 3/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2001.646, test=-2744.444)
total time= 2.1s
[CV 1/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1510.826, test=-2545.146)
total time= 5.4s
[CV 4/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1580.645, test=-2644.915)

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total time= 5.6s
[CV 2/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1021.316, test=-2554.507)
total time= 11.1s
[CV 5/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-925.017, test=-2851.818)
total time= 11.0s
[CV 1/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-348.303, test=-2683.734)
total time= 27.9s
[CV 4/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-104.645, test=-2806.967)
total time= 56.6s
[CV 2/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-508.644, test=-2707.963)
total time= 27.7s
[CV 5/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-149.731, test=-2940.606)
total time= 56.1s
[CV 3/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-494.365, test=-3034.086)
total time= 28.3s
[CV 1/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2307.477, test=-2456.390)
total time= 1.1s
[CV 2/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2346.850, test=-2358.816)
total time= 1.1s
[CV 4/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

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[CV 4/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2306.419, test=-2588.740)
total time= 1.1s
[CV 1/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2093.355, test=-2447.742)
total time= 2.2s
[CV 4/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2068.932, test=-2579.503)
total time= 2.1s
[CV 2/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1685.280, test=-2522.750)
total time= 5.6s
[CV 5/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1524.849, test=-2799.293)
total time= 5.5s
[CV 3/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1130.037, test=-2903.510)
total time= 11.2s
[CV 1/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-605.187, test=-2642.107)
total time= 22.1s
[CV 4/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-476.177, test=-2802.004)
total time= 27.6s
[CV 3/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2247.259, test=-2790.402)
total time= 1.1s
[CV 5/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2267.531, test=-2730.668)
total time= 1.1s

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[CV 2/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2138.957, test=-2397.902)
total time= 2.2s
[CV 4/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2068.932, test=-2580.152)
total time= 2.1s
[CV 2/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1685.280, test=-2524.195)
total time= 5.5s
[CV 5/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1524.849, test=-2800.412)
total time= 5.4s
[CV 3/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1489.919, test=-2769.991)
total time= 5.5s
[CV 1/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-945.500, test=-2601.298)
total time= 11.0s
[CV 4/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1037.193, test=-2718.281)
total time= 11.1s
[CV 2/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-498.269, test=-2627.784)
total time= 22.5s
[CV 5/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-345.114, test=-2909.101)
total time= 28.7s
[CV 5/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20
[CV 5/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2020.149, test=-2718.278)
total time= 2.4s
[CV 3/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1418.864, test=-2797.167)
total time= 5.8s
[CV 1/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-945.500, test=-2603.351)
total time= 11.5s
[CV 4/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1037.193, test=-2717.539)
total time= 11.5s
[CV 5/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-490.849, test=-2899.449)
total time= 23.5s
[CV 3/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-85.269, test=-2981.449)
total time= 56.7s
[CV 4/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-583.218, test=-2773.331)
total time= 22.9s
[CV 2/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-86.962, test=-2687.287)
total time= 56.3s
[CV 3/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-489.051, test=-2922.948)
total time= 22.3s
[CV 1/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-80.974, test=-2708.484)

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total time= 56.6s
[CV 2/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-640.745, test=-2686.851)
total time= 22.1s
[CV 5/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-438.504, test=-2913.553)
total time= 27.8s
[CV 5/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2030.879, test=-2740.271)
total time= 2.2s
[CV 3/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1613.902, test=-2844.861)
total time= 5.5s
[CV 1/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1125.947, test=-2560.961)
total time= 11.0s
[CV 4/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1107.016, test=-2735.392)
total time= 10.9s
[CV 4/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-614.255, test=-2790.486)
total time= 22.2s
[CV 2/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-140.253, test=-2750.332)
total time= 55.5s
[CV 3/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-636.112, test=-3010.306)
total time= 22.4s
[CV 1/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

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[CV 1/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-148.351, test=-2700.245)
total time= 56.3s

[CV 2/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 2/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-640.745, test=-2683.837)
total time= 22.3s

[CV 5/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 5/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-438.504, test=-2919.876)
total time= 27.9s

[CV 3/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 3/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1958.861, test=-2856.111)
total time= 2.5s

[CV 1/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 5/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 5/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1501.071, test=-2760.436)
total time= 5.8s

[CV 3/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 3/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-971.748, test=-2872.347)
total time= 11.4s

[CV 1/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 1/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-497.703, test=-2668.508)
total time= 23.6s

[CV 4/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 4/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-434.818, test=-2794.166)
total time= 29.0s

[CV 3/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 3/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2230.800, test=-2753.419)
total time= 1.1s

[CV 5/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 5/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10;; score=(train=-2261.195, test=-2722.648)
total time= 1.1s
[CV 2/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2086.832, test=-2350.127)
total time= 2.2s
[CV 5/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2020.149, test=-2718.709)
total time= 2.3s
[CV 3/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1418.864, test=-2799.766)
total time= 5.6s
[CV 1/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-966.855, test=-2569.059)
total time= 11.1s
[CV 4/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1037.193, test=-2716.683)
total time= 11.2s
[CV 5/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-472.960, test=-2902.850)
total time= 22.6s
[CV 3/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-85.269, test=-2974.743)
total time= 56.4s
[CV 5/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-490.849, test=-2894.960)
total time= 22.5s
[CV 3/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-85.269, test=-2978.532)
total time= 56.1s
[CV 3/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200
[CV 3/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-639.614, test=-3001.926)
total time= 22.3s
[CV 2/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-140.253, test=-2765.365)
total time= 55.3s
[CV 2/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-640.745, test=-2686.808)
total time= 21.8s
[CV 5/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-438.504, test=-2917.302)
total time= 27.9s
[CV 3/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2041.454, test=-2775.171)
total time= 2.1s
[CV 1/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1624.334, test=-2480.483)
total time= 5.5s
[CV 4/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1575.641, test=-2668.877)
total time= 5.4s
[CV 2/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1234.002, test=-2607.784)
total time= 11.2s
[CV 5/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1033.939, test=-2828.928)
total time= 11.0s
[CV 1/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-467.995, test=-2662.785)

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total time= 27.6s
[CV 4/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-146.426, test=-2841.132)
total time= 56.0s
[CV 2/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-508.644, test=-2704.556)
total time= 28.0s
[CV 5/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-149.731, test=-2937.484)
total time= 56.2s
[CV 1/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-478.093, test=-2659.436)
total time= 27.8s
[CV 4/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-146.426, test=-2841.403)
total time= 55.6s
[CV 2/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-508.644, test=-2702.025)
total time= 27.7s
[CV 5/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-149.731, test=-2940.890)
total time= 56.1s
[CV 3/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-494.365, test=-3033.136)
total time= 28.1s
[CV 1/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2439.983, test=-2418.037)
total time= 0.5s

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[CV 2/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2473.392, test=-2339.895)
total time= 0.5s
[CV 4/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2413.430, test=-2546.497)
total time= 0.5s
[CV 1/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2292.869, test=-2414.221)
total time= 1.0s
[CV 3/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2244.666, test=-2769.805)
total time= 1.0s
[CV 5/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2226.556, test=-2754.124)
total time= 1.0s
[CV 2/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2002.315, test=-2511.519)
total time= 2.5s
[CV 5/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1927.509, test=-2793.551)
total time= 2.5s
[CV 3/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1612.833, test=-2932.213)
total time= 4.9s
[CV 1/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1100.485, test=-2636.898)
total time= 9.8s
[CV 4/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-1163.353, test=-2879.477)
total time= 9.8s
[CV 4/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-980.511, test=-2892.962)
total time= 12.2s
[CV 1/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2439.983, test=-2418.037)
total time= 0.5s
[CV 2/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2473.819, test=-2352.021)
total time= 0.5s
[CV 3/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2362.213, test=-2734.456)
total time= 0.5s
[CV 4/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2413.430, test=-2546.497)
total time= 0.5s
[CV 1/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2289.936, test=-2418.826)
total time= 1.0s
[CV 3/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2244.666, test=-2768.664)
total time= 1.0s
[CV 5/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2226.556, test=-2754.124)
total time= 1.0s
[CV 3/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1952.384, test=-2881.064)
total time= 2.4s
[CV 1/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=100
[CV 1/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1617.647, test=-2542.316)
total time= 4.9s
[CV 4/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1632.483, test=-2720.175)
total time= 4.9s
[CV 3/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1178.666, test=-3088.236)
total time= 9.9s
[CV 1/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-93.608, test=-2929.523)
total time= 56.7s
[CV 3/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-344.637, test=-2936.850)
total time= 28.1s
[CV 1/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2307.477, test=-2453.880)
total time= 1.1s
[CV 3/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2247.259, test=-2790.402)
total time= 1.1s
[CV 5/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2267.531, test=-2728.881)
total time= 1.1s
[CV 2/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2138.957, test=-2400.224)
total time= 2.2s
[CV 5/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

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[CV 5/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2030.879, test=-2739.528)
total time= 2.2s
[CV 3/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1589.808, test=-2821.235)
total time= 5.5s
[CV 1/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1125.947, test=-2560.508)
total time= 11.0s
[CV 4/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1107.016, test=-2737.912)
total time= 11.0s
[CV 5/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-578.658, test=-2893.673)
total time= 22.3s
[CV 3/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-139.513, test=-3067.040)
total time= 56.4s
[CV 5/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-578.658, test=-2889.397)
total time= 22.4s
[CV 3/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-139.513, test=-3065.795)
total time= 56.0s
[CV 5/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-578.658, test=-2893.390)
total time= 22.2s
[CV 3/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-157.705, test=-3075.587)
total time= 57.0s

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[CV 5/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 5/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-578.658, test=-2896.734) total time= 22.3s
[CV 3/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 3/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-139.513, test=-3068.275) total time= 55.9s
[CV 5/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 5/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-935.490, test=-2909.797) total time= 12.2s
[CV 5/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 5/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2355.952, test=-2708.384) total time= 0.5s
[CV 2/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 2/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2323.169, test=-2414.693) total time= 1.0s
[CV 4/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 4/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2301.678, test=-2553.250) total time= 1.0s
[CV 2/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 2/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-2042.053, test=-2506.849) total time= 2.5s
[CV 5/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 5/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1929.092, test=-2777.660) total time= 2.5s
[CV 3/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 3/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-1608.302, test=-2961.400) total time= 4.9s
[CV 1/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 1/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200;; score=(train=-1117.756, test=-2658.016)
total time= 9.7s
[CV 3/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-986.003, test=-3111.954)
total time= 12.3s
[CV 1/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2430.606, test=-2415.630)
total time= 0.5s
[CV 3/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2267.531, test=-2729.370)
total time= 1.1s
[CV 2/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2138.957, test=-2400.173)
total time= 2.2s
[CV 4/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2068.932, test=-2579.503)
total time= 2.1s
[CV 2/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1685.280, test=-2521.855)
total time= 5.6s
[CV 5/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1524.849, test=-2803.318)
total time= 5.5s
[CV 3/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1130.037, test=-2902.446)
total time= 11.2s
[CV 1/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-605.187, test=-2649.021)
total time= 22.1s
[CV 4/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 4/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-476.177, test=-2805.908)
total time= 27.5s
[CV 3/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2247.259, test=-2790.200)
total time= 1.1s
[CV 5/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2267.531, test=-2731.355)
total time= 1.1s
[CV 2/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2138.957, test=-2401.809)
total time= 2.2s
[CV 5/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2030.879, test=-2740.202)
total time= 2.2s
[CV 3/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1613.901, test=-2845.749)
total time= 5.6s
[CV 1/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1072.821, test=-2595.510)
total time= 11.0s
[CV 4/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1107.016, test=-2734.675)
total time= 11.0s
[CV 4/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-614.255, test=-2789.247)
total time= 22.0s
[CV 2/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-154.873, test=-2768.899)

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total time= 56.0s
[CV 3/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-633.764, test=-2989.664)
total time= 22.5s
[CV 2/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-140.253, test=-2758.156)
total time= 55.5s
[CV 3/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-973.066, test=-3074.311)
total time= 12.3s
[CV 5/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-450.332, test=-2991.055)
total time= 24.4s
[CV 4/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-989.127, test=-2875.550)
total time= 12.2s
[CV 2/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2476.909, test=-2344.201)
total time= 0.5s
[CV 4/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2416.221, test=-2537.630)
total time= 0.5s
[CV 1/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2303.187, test=-2430.699)
total time= 1.0s
[CV 4/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2304.392, test=-2550.432)
total time= 1.0s
[CV 2/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

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[CV 2/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2057.037, test=-2461.504)
total time= 2.5s

[CV 5/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 5/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1967.435, test=-2789.113)
total time= 2.5s

[CV 3/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 3/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1680.904, test=-2870.216)
total time= 4.9s

[CV 2/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-86.962, test=-2693.256)
total time= 56.5s

[CV 3/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 3/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-529.681, test=-2908.855)
total time= 22.7s

[CV 1/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 1/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-74.534, test=-2706.222)
total time= 56.1s

[CV 2/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 2/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-541.796, test=-2618.933)
total time= 22.6s

[CV 5/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 5/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-363.408, test=-2909.289)
total time= 28.1s

[CV 3/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 3/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2041.454, test=-2776.212)
total time= 2.1s

[CV 1/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 1/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1624.334, test=-2479.541)
total time= 5.5s

[CV 4/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

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[CV 4/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1575.641, test=-2669.392)
total time= 5.3s
[CV 2/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1234.002, test=-2609.050)
total time= 11.1s
[CV 5/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1033.939, test=-2825.899)
total time= 11.0s
[CV 1/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-467.995, test=-2665.111)
total time= 27.4s
[CV 4/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-146.426, test=-2843.346)
total time= 55.3s
[CV 2/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-508.644, test=-2712.597)
total time= 28.1s
[CV 5/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-149.731, test=-2944.008)
total time= 56.4s
[CV 3/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-495.886, test=-3024.663)
total time= 28.0s
[CV 1/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2307.477, test=-2455.632)
total time= 1.1s
[CV 2/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2346.850, test=-2352.507)
total time= 1.1s

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[CV 4/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2306.419, test=-2588.613)
total time= 1.1s
[CV 1/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2093.440, test=-2447.584)
total time= 2.2s
[CV 3/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2041.454, test=-2776.791)
total time= 2.2s
[CV 1/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1631.408, test=-2477.830)
total time= 5.4s
[CV 4/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1575.641, test=-2669.090)
total time= 5.3s
[CV 2/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1234.002, test=-2599.990)
total time= 11.2s
[CV 5/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1033.939, test=-2828.995)
total time= 11.1s
[CV 1/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-467.995, test=-2668.873)
total time= 27.8s
[CV 4/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-146.426, test=-2843.364)
total time= 55.4s
[CV 3/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500;; score=(train=-441.384, test=-3122.980)
total time= 24.4s
[CV 1/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-943.668, test=-2683.477)
total time= 12.4s
[CV 4/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-496.073, test=-2954.321)
total time= 24.6s
[CV 3/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1130.037, test=-2904.169)
total time= 11.2s
[CV 1/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-605.187, test=-2645.072)
total time= 22.2s
[CV 4/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-476.177, test=-2802.864)
total time= 27.6s
[CV 3/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2362.213, test=-2734.703)
total time= 0.5s
[CV 5/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2355.952, test=-2706.594)
total time= 0.5s
[CV 2/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2322.686, test=-2398.502)
total time= 1.0s
[CV 4/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2301.678, test=-2556.225)
total time= 1.0s
[CV 1/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50;; score=(train=-1953.598, test=-2450.332)
total time= 2.5s
[CV 4/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1985.123, test=-2665.953)
total time= 2.5s
[CV 2/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1639.991, test=-2622.244)
total time= 4.9s
[CV 5/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1583.554, test=-2845.820)
total time= 4.9s
[CV 2/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1173.935, test=-2699.061)
total time= 9.7s
[CV 5/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1111.089, test=-2896.154)
total time= 9.7s
[CV 1/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-444.864, test=-2781.340)
total time= 24.2s
[CV 2/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1172.870, test=-2704.406)
total time= 9.7s
[CV 5/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-962.900, test=-2953.884)
total time= 12.4s
[CV 2/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2333.571, test=-2395.994)
total time= 1.0s
[CV 5/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20
[CV 5/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2227.354, test=-2726.892)
total time= 1.0s
[CV 3/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1971.588, test=-2819.818)
total time= 2.5s
[CV 1/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1681.659, test=-2481.709)
total time= 4.9s
[CV 4/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1700.057, test=-2618.972)
total time= 4.9s
[CV 3/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1207.828, test=-2995.631)
total time= 9.8s
[CV 1/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-527.342, test=-2703.711)
total time= 24.5s
[CV 2/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1257.252, test=-2661.153)
total time= 9.8s
[CV 5/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1087.801, test=-2860.089)
total time= 12.1s
[CV 5/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2368.221, test=-2693.250)
total time= 0.5s
[CV 3/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2246.277, test=-2757.071)

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total time= 0.9s
[CV 1/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2026.820, test=-2457.135)
total time= 2.4s
[CV 4/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2375.289, test=-2729.136)
total time= 0.5s
[CV 5/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2358.104, test=-2701.237)
total time= 0.5s
[CV 3/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2258.457, test=-2776.808)
total time= 1.0s
[CV 1/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1993.476, test=-2440.416)
total time= 2.5s
[CV 4/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2050.024, test=-2599.907)
total time= 2.5s
[CV 2/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1675.803, test=-2556.120)
total time= 5.0s
[CV 5/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1605.027, test=-2816.025)
total time= 4.9s
[CV 1/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1038.357, test=-2628.890)
total time= 12.4s
[CV 4/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

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[CV 4/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-559.650, test=-2923.360)
total time= 24.6s

[CV 2/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 2/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1103.898, test=-2723.237)
total time= 12.2s

[CV 5/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 5/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-578.950, test=-2920.640)
total time= 24.7s

[CV 3/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 3/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1099.283, test=-3099.588)
total time= 12.3s

[CV 1/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 1/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2438.781, test=-2415.009)
total time= 0.5s

[CV 2/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 2/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2452.523, test=-2323.481)
total time= 0.5s

[CV 3/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 3/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2370.107, test=-2736.126)
total time= 0.5s

[CV 4/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 4/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2400.896, test=-2541.963)
total time= 0.5s

[CV 5/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 5/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2368.221, test=-2696.727)
total time= 0.5s

[CV 1/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 1/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2314.383, test=-2440.431)
total time= 1.0s

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[CV 4/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2293.864, test=-2578.075)
total time= 1.0s
[CV 2/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2055.115, test=-2464.932)
total time= 2.5s
[CV 5/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1971.599, test=-2728.924)
total time= 2.5s
[CV 3/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1675.104, test=-2945.425)
total time= 5.0s
[CV 1/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1269.692, test=-2535.798)
total time= 9.8s
[CV 4/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1093.200, test=-2768.857)
total time= 12.3s
[CV 1/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2314.383, test=-2437.339)
total time= 1.0s
[CV 4/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2293.864, test=-2570.748)
total time= 1.0s
[CV 2/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2055.115, test=-2462.885)
total time= 2.5s
[CV 5/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50;; score=(train=-1971.599, test=-2733.216)
total time= 2.5s
[CV 3/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-633.764, test=-2992.152)
total time= 22.4s
[CV 1/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-132.534, test=-2690.219)
total time= 55.7s
[CV 2/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-640.745, test=-2680.021)
total time= 22.2s
[CV 5/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-438.504, test=-2915.474)
total time= 27.9s
[CV 5/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2030.879, test=-2739.182)
total time= 2.2s
[CV 3/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1589.808, test=-2821.157)
total time= 5.5s
[CV 1/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1072.821, test=-2600.694)
total time= 10.9s
[CV 4/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1107.016, test=-2736.450)
total time= 11.0s
[CV 4/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-614.255, test=-2792.204)

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total time= 22.2s
[CV 1/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-132.534, test=-2693.314)
total time= 54.3s
[CV 2/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-997.114, test=-2789.676)
total time= 12.1s
[CV 4/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-484.143, test=-2979.308)
total time= 24.2s
[CV 2/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1013.351, test=-2748.730)
total time= 12.2s
[CV 5/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-450.705, test=-3012.284)
total time= 24.3s
[CV 2/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1061.946, test=-2704.929)
total time= 12.3s
[CV 5/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-519.562, test=-2980.263)
total time= 24.5s
[CV 4/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1102.250, test=-2757.353)
total time= 12.2s
[CV 4/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2400.896, test=-2541.963)
total time= 0.5s
[CV 2/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

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[CV 2/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2351.615, test=-2374.620)
total time= 1.0s
[CV 5/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2248.016, test=-2710.045)
total time= 1.0s
[CV 3/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1995.670, test=-2855.218)
total time= 2.5s
[CV 1/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1679.381, test=-2474.153)
total time= 4.9s
[CV 4/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1668.095, test=-2701.985)
total time= 4.7s
[CV 5/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1219.252, test=-2880.948)
total time= 9.8s
[CV 3/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-591.602, test=-3200.824)
total time= 24.4s
[CV 4/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1256.102, test=-2745.075)
total time= 9.8s
[CV 2/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-612.861, test=-2816.984)
total time= 24.4s
[CV 3/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1266.256, test=-3043.905)
total time= 9.8s

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[CV 4/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1067.770, test=-2811.642)
total time= 12.4s
[CV 2/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2479.050, test=-2343.587)
total time= 0.5s
[CV 4/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2430.297, test=-2534.808)
total time= 0.5s
[CV 1/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2303.187, test=-2433.149)
total time= 1.0s
[CV 4/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2320.793, test=-2569.092)
total time= 1.0s
[CV 2/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2047.771, test=-2475.231)
total time= 2.5s
[CV 5/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1953.442, test=-2762.609)
total time= 2.5s
[CV 3/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1644.826, test=-2950.335)
total time= 4.9s
[CV 1/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1235.812, test=-2555.519)
total time= 9.9s
[CV 3/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250;; score=(train=-1083.542, test=-3122.514)
total time= 12.4s
[CV 1/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2438.781, test=-2414.763)
total time= 0.5s
[CV 2/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2452.523, test=-2323.481)
total time= 0.5s
[CV 3/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2370.107, test=-2736.126)
total time= 0.5s
[CV 1/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2314.383, test=-2434.468)
total time= 1.0s
[CV 4/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2293.864, test=-2570.748)
total time= 1.0s
[CV 2/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2055.115, test=-2464.596)
total time= 2.5s
[CV 5/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1971.599, test=-2733.170)
total time= 2.5s
[CV 3/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1675.104, test=-2944.038)
total time= 5.3s
[CV 1/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1269.692, test=-2544.859)
total time= 9.8s
[CV 5/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 5/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1061.475, test=-2893.683)
total time= 12.2s
[CV 3/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2246.277, test=-2756.306)
total time= 1.0s
[CV 1/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2026.820, test=-2455.861)
total time= 2.4s
[CV 4/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2005.285, test=-2625.966)
total time= 2.4s
[CV 2/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1700.378, test=-2573.117)
total time= 4.8s
[CV 5/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1641.530, test=-2762.581)
total time= 4.8s
[CV 1/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1111.091, test=-2569.304)
total time= 12.0s
[CV 4/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-608.032, test=-2841.829)
total time= 23.9s
[CV 2/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1107.898, test=-2689.726)
total time= 12.2s
[CV 1/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1206.254, test=-2592.306)

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total time= 9.8s
[CV 3/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1025.248, test=-3035.544)
total time= 12.3s
[CV 1/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2430.606, test=-2414.353)
total time= 0.5s
[CV 3/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2380.134, test=-2722.779)
total time= 0.5s
[CV 5/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2358.104, test=-2705.445)
total time= 0.5s
[CV 2/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2336.456, test=-2391.408)
total time= 1.0s
[CV 5/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2219.287, test=-2729.173)
total time= 1.0s
[CV 3/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2007.776, test=-2841.916)
total time= 2.5s
[CV 1/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1694.684, test=-2447.923)
total time= 4.9s
[CV 4/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1713.161, test=-2629.331)
total time= 4.9s
[CV 5/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

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[CV 5/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1238.481, test=-2860.509)
total time= 9.7s
[CV 3/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-586.601, test=-3217.026)
total time= 24.4s
[CV 4/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1256.102, test=-2737.285)
total time= 9.8s
[CV 2/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-612.861, test=-2822.535)
total time= 24.4s
[CV 3/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1266.256, test=-3043.224)
total time= 9.8s
[CV 1/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-593.936, test=-2660.963)
total time= 24.1s
[CV 2/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1260.654, test=-2672.859)
total time= 9.8s
[CV 5/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1061.475, test=-2893.464)
total time= 12.2s
[CV 2/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2367.383, test=-2378.354)
total time= 1.0s
[CV 5/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2248.134, test=-2691.923)
total time= 1.0s

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[CV 3/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 3/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1989.423, test=-2830.633)
total time= 2.4s
[CV 5/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 5/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1970.154, test=-2745.461)
total time= 2.5s
[CV 3/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 3/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1684.559, test=-2921.723)
total time= 4.9s
[CV 1/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 1/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1270.872, test=-2607.150)
total time= 9.8s
[CV 4/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 4/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-1102.948, test=-2787.234)
total time= 12.2s
[CV 5/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 5/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=10;; score=(train=-2357.830, test=-2678.587)
total time= 0.5s
[CV 2/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 2/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2348.773, test=-2355.350)
total time= 1.0s
[CV 5/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 5/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2233.567, test=-2707.541)
total time= 1.0s
[CV 1/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-1567.787, test=-2526.225)
total time= 4.9s
[CV 4/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 4/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-1630.559, test=-2711.475)
total time= 5.0s

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[CV 3/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1157.792, test=-3037.458)
total time= 9.8s
[CV 1/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-937.084, test=-2650.814)
total time= 12.2s
[CV 2/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-467.082, test=-2857.667)
total time= 24.4s
[CV 4/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1155.219, test=-2826.325)
total time= 9.8s
[CV 2/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-497.034, test=-2849.407)
total time= 24.7s
[CV 4/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1234.588, test=-2763.562)
total time= 10.0s
[CV 3/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-511.839, test=-3141.390)
total time= 24.2s
[CV 4/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1255.398, test=-2719.405)
total time= 9.7s
[CV 1/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-597.391, test=-2733.882)
total time= 24.3s
[CV 2/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200;; score=(train=-1260.654, test=-2680.720)
total time= 9.8s
[CV 4/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1093.200, test=-2771.635)
total time= 12.2s
[CV 2/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2351.615, test=-2370.759)
total time= 1.0s
[CV 5/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2248.016, test=-2709.849)
total time= 1.0s
[CV 3/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1995.670, test=-2858.048)
total time= 2.5s
[CV 1/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1679.381, test=-2476.493)
total time= 4.9s
[CV 4/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1668.095, test=-2704.931)
total time= 4.8s
[CV 5/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1219.252, test=-2864.907)
total time= 9.7s
[CV 3/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-591.602, test=-3199.161)
total time= 24.0s
[CV 4/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1256.102, test=-2751.981)
total time= 9.7s
[CV 1/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500
[CV 1/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-593.936, test=-2663.929)
total time= 24.2s
[CV 2/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1298.039, test=-2666.817)
total time= 9.7s
[CV 5/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1106.164, test=-2974.062)
total time= 12.2s
[CV 4/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2299.294, test=-2549.185)
total time= 1.0s
[CV 2/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2069.876, test=-2494.151)
total time= 2.4s
[CV 5/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1977.730, test=-2728.822)
total time= 2.4s
[CV 3/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1691.579, test=-2938.047)
total time= 4.8s
[CV 1/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-462.800, test=-2765.381)
total time= 24.5s
[CV 2/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1230.156, test=-2659.973)
total time= 9.8s
[CV 5/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1025.940, test=-2910.440)

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total time= 12.0s
[CV 3/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2270.333, test=-2767.923)
total time= 1.0s
[CV 1/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2009.305, test=-2433.033)
total time= 2.5s
[CV 4/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2039.386, test=-2616.801)
total time= 2.5s
[CV 2/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1701.552, test=-2544.367)
total time= 4.9s
[CV 5/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1650.853, test=-2797.409)
total time= 4.9s
[CV 1/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1088.884, test=-2599.733)
total time= 12.2s
[CV 4/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-606.727, test=-2860.043)
total time= 24.5s
[CV 2/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1107.898, test=-2682.699)
total time= 12.2s
[CV 5/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-592.053, test=-2960.059)
total time= 24.3s
[CV 3/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

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[CV 3/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1099.283, test=-3089.489)
total time= 12.2s
[CV 1/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2438.781, test=-2414.763)
total time= 0.5s
[CV 2/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2452.523, test=-2317.651)
total time= 0.5s
[CV 3/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2370.107, test=-2736.126)
total time= 0.5s
[CV 4/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2400.896, test=-2541.963)
total time= 0.5s
[CV 5/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2368.221, test=-2696.727)
total time= 0.5s
[CV 3/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2246.277, test=-2756.306)
total time= 1.0s
[CV 1/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2026.820, test=-2457.530)
total time= 2.4s
[CV 4/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2005.285, test=-2625.200)
total time= 2.6s
[CV 2/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1700.378, test=-2571.478)
total time= 4.9s

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[CV 5/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1641.530, test=-2773.356)
total time= 4.9s
[CV 1/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1111.091, test=-2570.067)
total time= 12.2s
[CV 4/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-608.032, test=-2830.045)
total time= 24.5s
[CV 2/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1152.880, test=-2713.091)
total time= 12.3s
[CV 5/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-650.646, test=-3041.901)
total time= 24.4s
[CV 3/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1147.373, test=-3071.578)
total time= 12.1s
[CV 1/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1993.449, test=-2466.257)
total time= 2.4s
[CV 4/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2004.965, test=-2620.793)
total time= 2.5s
[CV 2/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1682.830, test=-2568.365)
total time= 4.9s
[CV 5/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=100;; score=(train=-1569.272, test=-2851.394)
total time= 4.9s
[CV 5/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1127.723, test=-2929.667)
total time= 9.9s
[CV 3/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-469.339, test=-3179.884)
total time= 24.2s
[CV 5/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1188.744, test=-2878.943)
total time= 9.6s
[CV 2/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-543.955, test=-2851.981)
total time= 24.5s
[CV 3/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1225.422, test=-3102.405)
total time= 9.9s
[CV 2/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-592.518, test=-2847.070)
total time= 24.3s
[CV 3/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1266.256, test=-3044.248)
total time= 9.6s
[CV 1/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-593.936, test=-2669.184)
total time= 24.3s
[CV 2/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1260.654, test=-2685.020)
total time= 9.8s
[CV 5/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250
[CV 5/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1061.475, test=-2897.770)
total time= 12.1s
[CV 2/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2351.615, test=-2380.612)
total time= 1.0s
[CV 5/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2248.016, test=-2713.297)
total time= 1.0s
[CV 3/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1995.670, test=-2855.291)
total time= 2.5s
[CV 1/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1679.381, test=-2473.629)
total time= 5.0s
[CV 4/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1668.095, test=-2701.793)
total time= 4.9s
[CV 5/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1219.252, test=-2870.560)
total time= 9.7s
[CV 3/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-591.602, test=-3216.375)
total time= 24.5s
[CV 4/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1256.145, test=-2768.531)
total time= 9.8s
[CV 2/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-665.469, test=-2824.709)

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total time= 24.5s
[CV 3/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1292.124, test=-3034.908)
total time= 9.9s
[CV 1/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-691.859, test=-2791.933)
total time= 24.3s
[CV 4/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1306.055, test=-2738.819)
total time= 9.8s
[CV 2/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-697.209, test=-2879.191)
total time= 24.3s
[CV 3/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1292.124, test=-3036.030)
total time= 9.9s
[CV 2/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-612.861, test=-2827.379)
total time= 24.4s
[CV 3/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1270.363, test=-2995.736)
total time= 9.8s
[CV 1/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-659.431, test=-2739.403)
total time= 24.4s
[CV 2/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1308.333, test=-2666.497)
total time= 9.7s

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[CV 5/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1159.192, test=-2892.825)
total time= 12.0s
[CV 4/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2299.294, test=-2553.128)
total time= 1.0s
[CV 2/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2069.876, test=-2500.311)
total time= 2.4s
[CV 5/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1977.730, test=-2728.482)
total time= 2.4s
[CV 3/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1691.579, test=-2936.222)
total time= 4.8s
[CV 1/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1304.804, test=-2639.656)
total time= 9.7s
[CV 4/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1165.075, test=-2781.315)
total time= 12.1s
[CV 3/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2376.855, test=-2739.391)
total time= 0.5s
[CV 5/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2357.830, test=-2677.909)
total time= 0.5s
[CV 2/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20;; score=(train=-2348.773, test=-2356.885)
total time= 1.0s
[CV 4/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2299.294, test=-2553.128)
total time= 1.0s
[CV 2/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2069.876, test=-2498.095)
total time= 2.4s
[CV 5/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1977.730, test=-2730.132)
total time= 2.4s
[CV 3/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1691.579, test=-2939.125)
total time= 4.9s
[CV 1/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1304.804, test=-2635.552)
total time= 9.7s
[CV 4/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1165.075, test=-2783.403)
total time= 12.2s
[CV 5/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2357.830, test=-2677.909)
total time= 0.5s
[CV 2/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2348.773, test=-2365.905)
total time= 1.0s
[CV 5/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2233.567, test=-2709.341)
total time= 1.0s
[CV 2/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50
[CV 2/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2069.876, test=-2491.546)
total time= 2.4s
[CV 5/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1977.730, test=-2731.755)
total time= 2.5s
[CV 3/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1691.579, test=-2934.072)
total time= 4.9s
[CV 1/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1304.804, test=-2641.818)
total time= 9.8s
[CV 4/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1165.075, test=-2774.398)
total time= 12.2s
[CV 5/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-592.053, test=-2950.950)
total time= 24.4s
[CV 3/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1117.950, test=-3031.581)
total time= 12.3s
[CV 1/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2443.619, test=-2417.857)
total time= 0.5s
[CV 2/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2474.435, test=-2349.404)
total time= 0.5s
[CV 3/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2376.855, test=-2739.391)

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total time= 0.5s
[CV 4/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2403.418, test=-2553.336)
total time= 0.5s
[CV 1/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2328.727, test=-2421.532)
total time= 1.0s
[CV 3/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2260.869, test=-2760.402)
total time= 1.0s
[CV 1/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2064.638, test=-2412.670)
total time= 2.4s
[CV 4/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2036.149, test=-2616.213)
total time= 2.5s
[CV 2/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1725.363, test=-2569.855)
total time= 4.9s
[CV 5/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1675.028, test=-2773.481)
total time= 4.9s
[CV 1/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1156.458, test=-2679.265)
total time= 12.0s
[CV 4/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-705.955, test=-2858.996)
total time= 24.2s
[CV 2/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

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[CV 2/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1160.440, test=-2713.316)
total time= 12.2s
[CV 5/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-695.799, test=-2968.513)
total time= 24.0s
[CV 3/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1152.322, test=-3048.385)
total time= 12.1s
[CV 1/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2443.619, test=-2418.534)
total time= 0.5s
[CV 2/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2474.435, test=-2338.772)
total time= 0.5s
[CV 3/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2376.951, test=-2739.612)
total time= 0.5s
[CV 4/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2403.418, test=-2553.336)
total time= 0.5s
[CV 1/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2328.727, test=-2421.275)
total time= 1.0s
[CV 4/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2299.294, test=-2549.185)
total time= 1.0s
[CV 3/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1982.424, test=-2863.257)
total time= 2.4s

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[CV 1/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1717.351, test=-2484.448)
total time= 4.9s
[CV 4/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1708.741, test=-2665.100)
total time= 4.7s
[CV 4/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1306.055, test=-2728.403)
total time= 9.8s
[CV 2/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-697.209, test=-2881.084)
total time= 24.6s
[CV 3/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1675.104, test=-2932.649)
total time= 4.9s
[CV 1/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1269.692, test=-2538.154)
total time= 9.7s
[CV 4/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1093.200, test=-2770.766)
total time= 12.2s
[CV 3/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2363.838, test=-2740.793)
total time= 0.5s
[CV 5/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2368.221, test=-2696.727)
total time= 0.5s
[CV 3/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2245.427, test=-2756.989)
total time= 1.0s

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[CV 1/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2029.521, test=-2452.983)
total time= 2.4s
[CV 4/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2035.107, test=-2610.857)
total time= 2.5s
[CV 2/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1714.630, test=-2574.243)
total time= 4.9s
[CV 5/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1640.296, test=-2855.808)
total time= 4.9s
[CV 1/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1128.920, test=-2644.847)
total time= 12.2s
[CV 4/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-637.147, test=-2867.902)
total time= 24.7s
[CV 2/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1160.440, test=-2716.458)
total time= 12.1s
[CV 5/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-695.799, test=-2972.482)
total time= 24.1s
[CV 3/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1147.373, test=-3070.301)
total time= 12.0s
[CV 1/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10;; score=(train=-2443.619, test=-2418.534)
total time= 0.5s
[CV 2/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2474.435, test=-2344.598)
total time= 0.5s
[CV 4/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2403.418, test=-2553.336)
total time= 0.5s
[CV 1/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2328.727, test=-2421.528)
total time= 1.0s
[CV 3/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2260.869, test=-2760.503)
total time= 1.0s
[CV 1/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2064.638, test=-2412.291)
total time= 2.4s
[CV 4/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2036.149, test=-2624.280)
total time= 2.5s
[CV 2/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1725.363, test=-2585.805)
total time= 4.9s
[CV 5/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1675.028, test=-2768.245)
total time= 4.9s
[CV 1/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1156.458, test=-2677.965)
total time= 12.1s
[CV 4/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500
[CV 4/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-705.955, test=-2861.676)
total time= 24.3s
[CV 2/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1160.440, test=-2722.232)
total time= 12.2s
[CV 5/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-695.799, test=-2974.313)
total time= 24.4s
[CV 3/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2005.285, test=-2627.846)
total time= 2.4s
[CV 2/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1700.378, test=-2561.460)
total time= 4.9s
[CV 5/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1641.530, test=-2770.077)
total time= 4.9s
[CV 1/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1111.091, test=-2571.661)
total time= 12.2s
[CV 4/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-608.032, test=-2842.161)
total time= 24.3s
[CV 2/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1107.898, test=-2679.313)
total time= 12.2s
[CV 5/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-592.053, test=-2974.852)

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total time= 24.6s
[CV 3/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1099.283, test=-3095.273)
total time= 12.3s
[CV 1/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2438.781, test=-2415.554)
total time= 0.5s
[CV 2/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2474.619, test=-2336.807)
total time= 0.5s
[CV 4/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2410.274, test=-2549.756)
total time= 0.5s
[CV 1/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2314.383, test=-2434.468)
total time= 1.0s
[CV 4/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2306.648, test=-2566.760)
total time= 1.0s
[CV 2/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2066.460, test=-2474.169)
total time= 2.5s
[CV 1/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1693.576, test=-2547.475)
total time= 4.9s
[CV 4/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1702.615, test=-2710.507)
total time= 4.9s
[CV 5/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

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[CV 5/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1237.108, test=-2942.081)
total time= 9.9s

[CV 3/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 3/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-623.725, test=-3166.339)
total time= 24.6s

[CV 5/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 5/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1280.790, test=-2854.398)
total time= 9.7s

[CV 3/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 3/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-673.322, test=-3161.644)
total time= 24.1s

[CV 3/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 3/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1292.124, test=-3033.699)
total time= 9.8s

[CV 3/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 3/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-673.322, test=-3155.429)
total time= 24.4s

[CV 4/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 4/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1306.055, test=-2739.154)
total time= 9.8s

[CV 1/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 1/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-691.859, test=-2793.564)
total time= 24.4s

[CV 3/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 3/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1284.982, test=-3009.323)
total time= 9.7s

[CV 1/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-691.859, test=-2794.627)
total time= 24.2s

[CV 2/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200

[CV 2/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-1366.790, test=-2688.190) total time= 9.7s

[CV 5/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250

[CV 5/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1184.611, test=-2872.032) total time= 12.1s

[CV 3/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=20

[CV 1/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1304.804, test=-2634.153) total time= 9.6s

[CV 4/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250

[CV 4/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1165.075, test=-2780.761) total time= 12.0s

[CV 3/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10

[CV 3/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2376.855, test=-2739.391) total time= 0.5s

[CV 5/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10

[CV 5/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2357.830, test=-2678.587) total time= 0.4s

[CV 1/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20

[CV 1/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2328.727, test=-2425.115) total time= 1.0s

[CV 3/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20

[CV 3/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2260.869, test=-2760.693) total time= 1.0s

[CV 1/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50

[CV 1/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2064.638, test=-2412.176) total time= 2.4s

[CV 4/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50

[CV 4/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50;; score=(train=-2036.149, test=-2623.058)
total time= 2.4s
[CV 2/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1725.363, test=-2575.858)
total time= 4.8s
[CV 5/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1675.028, test=-2769.772)
total time= 4.8s
[CV 1/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1156.458, test=-2677.651)
total time= 12.0s
[CV 4/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-705.955, test=-2848.878)
total time= 23.9s
[CV 2/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1160.440, test=-2724.630)
total time= 12.1s
[CV 5/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-695.799, test=-2968.872)
total time= 24.5s
[CV 3/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1147.373, test=-3074.815)
total time= 12.3s
[CV 1/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2453.883, test=-2418.829)
total time= 0.5s
[CV 2/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2481.360, test=-2335.542)
total time= 0.5s
[CV 3/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10
[CV 3/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2376.341, test=-2732.143)
total time= 0.5s
[CV 4/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2420.247, test=-2546.474)
total time= 0.5s
[CV 1/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2348.660, test=-2425.663)
total time= 1.0s
[CV 4/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2319.566, test=-2542.580)
total time= 1.0s
[CV 2/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2068.811, test=-2450.234)
total time= 2.4s
[CV 5/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2019.999, test=-2739.127)
total time= 2.5s
[CV 3/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1723.261, test=-2886.460)
total time= 4.9s
[CV 1/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1358.786, test=-2592.698)
total time= 9.8s
[CV 4/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1226.236, test=-2795.720)
total time= 12.2s
[CV 4/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2420.172, test=-2546.463)

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total time= 0.5s
[CV 1/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2348.660, test=-2425.663)
total time= 1.0s
[CV 4/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1986.788, test=-2836.330)
total time= 2.5s
[CV 1/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1717.351, test=-2487.556)
total time= 4.8s
[CV 4/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1708.741, test=-2667.482)
total time= 4.9s
[CV 4/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1306.055, test=-2741.049)
total time= 9.7s
[CV 2/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-697.209, test=-2881.371)
total time= 24.2s
[CV 2/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1308.333, test=-2676.928)
total time= 9.8s
[CV 1/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-691.859, test=-2792.432)
total time= 24.1s
[CV 2/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1308.333, test=-2676.161)
total time= 9.6s

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[CV 5/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 5/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-1159.192, test=-2893.673)
total time= 12.3s
[CV 3/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 3/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2246.241, test=-2777.355)
total time= 1.0s
[CV 1/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 1/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-2064.638, test=-2414.659)
total time= 2.4s
[CV 4/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 4/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-2036.149, test=-2614.567)
total time= 2.5s
[CV 2/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 2/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-1725.363, test=-2585.463)
total time= 4.9s
[CV 5/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 5/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-1675.028, test=-2773.519)
total time= 4.9s
[CV 1/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 1/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-1156.458, test=-2676.827)
total time= 12.1s
[CV 4/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 4/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-705.955, test=-2859.015)
total time= 24.6s
[CV 2/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 2/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1208.076, test=-2709.150)
total time= 12.0s
[CV 5/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 5/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500;; score=(train=-769.344, test=-2941.879)
total time= 23.4s
[CV 3/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1176.206, test=-3011.717)
total time= 12.1s
[CV 1/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2453.883, test=-2419.099)
total time= 0.5s
[CV 2/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2481.360, test=-2346.100)
total time= 0.5s
[CV 3/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2376.341, test=-2734.041)
total time= 0.5s
[CV 4/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2420.247, test=-2546.474)
total time= 0.5s
[CV 1/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2348.660, test=-2424.933)
total time= 1.0s
[CV 4/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2319.566, test=-2542.580)
total time= 1.0s
[CV 2/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2068.811, test=-2447.171)
total time= 2.4s
[CV 5/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2020.003, test=-2737.056)
total time= 2.4s
[CV 3/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100
[CV 3/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1723.261, test=-2894.799)
total time= 4.8s
[CV 1/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2443.619, test=-2417.857)
total time= 0.5s
[CV 2/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2474.435, test=-2349.404)
total time= 0.5s
[CV 4/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2403.418, test=-2553.336)
total time= 0.5s
[CV 2/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2348.773, test=-2355.380)
total time= 1.0s
[CV 5/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2233.567, test=-2708.539)
total time= 1.0s
[CV 3/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1986.788, test=-2838.268)
total time= 2.4s
[CV 1/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1717.351, test=-2488.617)
total time= 4.8s
[CV 4/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1708.741, test=-2664.422)
total time= 4.8s
[CV 5/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1280.790, test=-2851.204)
total time= 9.6s
[CV 5/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 5/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1159.192, test=-2891.923)
total time= 12.2s
[CV 5/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2233.567, test=-2707.741)
total time= 1.0s
[CV 3/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1982.424, test=-2864.729)
total time= 2.5s
[CV 1/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1717.351, test=-2492.136)
total time= 4.9s
[CV 4/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1708.741, test=-2668.817)
total time= 4.9s
[CV 5/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1280.790, test=-2855.355)
total time= 9.8s
[CV 3/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-673.322, test=-3163.352)
total time= 24.3s
[CV 5/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1280.790, test=-2855.859)
total time= 9.7s
[CV 3/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-673.180, test=-3180.176)
total time= 24.3s
[CV 4/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1359.732, test=-2767.349)

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total time= 9.7s
[CV 2/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-741.288, test=-2860.089)
total time= 24.2s
[CV 4/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1359.732, test=-2767.155)
total time= 9.7s
[CV 2/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-741.288, test=-2845.928)
total time= 24.1s
[CV 3/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1312.898, test=-2957.144)
total time= 9.7s
[CV 1/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-776.388, test=-2782.725)
total time= 24.2s
[CV 2/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1366.790, test=-2703.485)
total time= 9.7s
[CV 5/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1184.611, test=-2873.210)
total time= 12.1s
[CV 2/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1958.883, test=-2528.657)
total time= 1.6s
[CV 5/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1849.200, test=-2805.892)
total time= 1.6s
[CV 3/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

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[CV 2/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-697.209, test=-2868.357)
total time= 24.2s

[CV 2/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 2/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1308.333, test=-2673.491)
total time= 9.7s

[CV 5/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 5/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1159.192, test=-2891.289)
total time= 12.0s

[CV 3/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 3/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2270.828, test=-2767.377)
total time= 1.0s

[CV 1/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 1/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2074.229, test=-2429.679)
total time= 2.4s

[CV 4/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 4/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2041.603, test=-2631.497)
total time= 2.4s

[CV 2/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 2/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1766.991, test=-2549.384)
total time= 4.9s

[CV 5/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 5/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1707.829, test=-2772.734)
total time= 4.9s

[CV 1/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 1/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1221.117, test=-2652.955)
total time= 12.1s

[CV 4/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 4/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-778.947, test=-2886.828)
total time= 24.3s

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[CV 2/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1208.076, test=-2713.593)
total time= 12.1s
[CV 5/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-769.344, test=-2944.288)
total time= 24.3s
[CV 3/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1176.206, test=-3011.946)
total time= 12.2s
[CV 1/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2453.883, test=-2418.829)
total time= 0.5s
[CV 2/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2481.360, test=-2335.437)
total time= 0.5s
[CV 4/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2420.247, test=-2546.474)
total time= 0.5s
[CV 1/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2348.660, test=-2426.365)
total time= 1.0s
[CV 4/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2293.847, test=-2547.697)
total time= 1.0s
[CV 2/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2068.811, test=-2438.281)
total time= 2.4s
[CV 5/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50;; score=(train=-2019.999, test=-2738.207)
total time= 2.5s
[CV 3/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1723.261, test=-2883.698)
total time= 4.9s
[CV 1/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1358.786, test=-2598.845)
total time= 9.7s
[CV 4/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1226.236, test=-2804.423)
total time= 12.1s
[CV 4/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2221.146, test=-2552.242)
total time= 0.8s
[CV 1/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1842.894, test=-2572.208)
total time= 1.5s
[CV 4/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1906.731, test=-2598.077)
total time= 1.6s
[CV 2/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1345.810, test=-2638.614)
total time= 4.0s
[CV 5/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1158.900, test=-2879.900)
total time= 3.9s
[CV 3/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2270.828, test=-2767.377)
total time= 1.0s
[CV 5/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20
[CV 5/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2289.010, test=-2687.548)
total time= 1.0s
[CV 3/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2005.172, test=-2815.594)
total time= 2.5s
[CV 1/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1769.085, test=-2479.589)
total time= 4.8s
[CV 4/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1760.389, test=-2666.557)
total time= 4.9s
[CV 5/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1332.379, test=-2853.501)
total time= 9.7s
[CV 3/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-745.265, test=-3153.606)
total time= 24.2s
[CV 5/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1332.379, test=-2854.917)
total time= 9.7s
[CV 3/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-745.265, test=-3146.028)
total time= 24.3s
[CV 4/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1376.620, test=-2753.777)
total time= 9.7s
[CV 2/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-741.288, test=-2866.426)

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total time= 23.9s
[CV 5/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-652.782, test=-2920.049)
total time= 7.9s
[CV 3/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-121.871, test=-3073.447)
total time= 19.5s
[CV 1/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2206.916, test=-2445.869)
total time= 0.8s
[CV 2/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2247.974, test=-2431.351)
total time= 0.8s
[CV 3/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2133.113, test=-2766.904)
total time= 0.8s
[CV 4/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2219.158, test=-2565.768)
total time= 0.8s
[CV 5/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2144.994, test=-2760.158)
total time= 0.8s
[CV 1/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1877.106, test=-2510.927)
total time= 1.5s
[CV 2/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1953.520, test=-2529.081)
total time= 1.6s
[CV 3/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

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[CV 3/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1855.977, test=-2815.002)
total time= 1.6s

[CV 5/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 5/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1861.364, test=-2824.204)
total time= 1.6s

[CV 3/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 3/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1286.603, test=-2887.365)
total time= 3.9s

[CV 1/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 1/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-683.459, test=-2624.550)
total time= 7.7s

[CV 4/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 4/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-738.475, test=-2752.674)
total time= 7.7s

[CV 2/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 2/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-249.488, test=-2744.476)
total time= 15.6s

[CV 5/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 5/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-131.591, test=-3002.544)
total time= 19.5s

[CV 2/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 2/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1421.962, test=-2605.587)
total time= 3.8s

[CV 5/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 4/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2293.847, test=-2547.697)
total time= 1.0s

[CV 2/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 2/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2068.811, test=-2449.060)
total time= 2.5s

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[CV 5/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2020.003, test=-2737.529)
total time= 2.4s
[CV 3/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1723.261, test=-2887.451)
total time= 4.9s
[CV 1/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1358.786, test=-2601.542)
total time= 9.7s
[CV 4/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1226.236, test=-2793.562)
total time= 12.1s
[CV 5/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2371.693, test=-2672.164)
total time= 0.5s
[CV 2/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2342.653, test=-2362.741)
total time= 1.0s
[CV 5/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2288.994, test=-2687.824)
total time= 1.0s
[CV 3/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2005.172, test=-2818.140)
total time= 2.4s
[CV 1/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1769.085, test=-2477.873)
total time= 4.8s
[CV 4/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100;; score=(train=-1760.389, test=-2668.517)
total time= 4.8s
[CV 4/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1359.732, test=-2766.046)
total time= 9.7s
[CV 2/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-741.288, test=-2857.873)
total time= 24.2s
[CV 3/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1312.898, test=-2960.226)
total time= 9.7s
[CV 1/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-776.388, test=-2772.001)
total time= 24.3s
[CV 4/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-667.344, test=-2806.614)
total time= 7.8s
[CV 2/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-147.867, test=-2834.106)
total time= 19.5s
[CV 5/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-8.837, test=-2962.854)
total time= 38.5s
[CV 3/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-138.812, test=-3053.403)
total time= 19.4s
[CV 1/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2216.253, test=-2471.714)
total time= 0.8s
[CV 2/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10
[CV 2/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2267.981, test=-2400.704)
total time= 0.8s
[CV 3/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2171.277, test=-2783.961)
total time= 0.8s
[CV 5/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2164.982, test=-2696.825)
total time= 0.8s
[CV 2/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1959.687, test=-2489.959)
total time= 1.6s
[CV 4/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1955.058, test=-2576.524)
total time= 1.6s
[CV 1/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1326.931, test=-2620.452)
total time= 3.9s
[CV 4/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1299.651, test=-2698.712)
total time= 3.8s
[CV 2/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1176.206, test=-3014.143)
total time= 12.1s
[CV 1/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2453.883, test=-2419.099)
total time= 0.5s
[CV 2/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2481.360, test=-2341.214)

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total time= 0.5s
[CV 3/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2376.341, test=-2734.041)
total time= 0.5s
[CV 5/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2371.688, test=-2671.469)
total time= 0.5s
[CV 2/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2342.653, test=-2354.332)
total time= 1.0s
[CV 1/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2074.229, test=-2426.697)
total time= 2.4s
[CV 4/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2041.603, test=-2629.693)
total time= 2.4s
[CV 2/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1766.991, test=-2551.427)
total time= 4.8s
[CV 5/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1707.815, test=-2772.052)
total time= 4.8s
[CV 1/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1221.117, test=-2656.911)
total time= 12.0s
[CV 4/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-778.947, test=-2892.917)
total time= 24.0s
[CV 2/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 2/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1208.076, test=-2709.261)
total time= 12.0s
[CV 5/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-768.612, test=-2934.944)
total time= 24.0s
[CV 3/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1176.206, test=-3009.947)
total time= 12.0s
[CV 1/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2208.358, test=-2456.310)
total time= 0.8s
[CV 2/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2232.207, test=-2425.158)
total time= 0.8s
[CV 3/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2133.310, test=-2766.071)
total time= 0.7s
[CV 5/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2145.526, test=-2762.600)
total time= 0.8s
[CV 3/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1892.606, test=-2811.051)
total time= 1.5s
[CV 1/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1214.038, test=-2612.211)
total time= 3.9s
[CV 4/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1241.273, test=-2643.019)
total time= 3.9s

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[CV 2/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 2/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-740.356, test=-2761.906)
total time= 7.8s

[CV 3/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 3/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-208.810, test=-3077.918)
total time= 15.6s

[CV 1/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 1/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-11.054, test=-2747.831)
total time= 39.0s

[CV 3/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 3/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-223.867, test=-3066.851)
total time= 15.7s

[CV 1/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 1/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-13.299, test=-2692.459)
total time= 39.0s

[CV 3/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 3/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-338.624, test=-3131.536)
total time= 15.8s

[CV 1/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500

[CV 3/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 3/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-1312.898, test=-2957.689)
total time= 9.7s

[CV 1/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 1/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-776.388, test=-2780.834)
total time= 23.8s

[CV 2/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 2/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1366.790, test=-2697.332)
total time= 9.6s

[CV 5/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 5/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1193.991, test=-2903.892)
total time= 12.0s
[CV 3/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2270.828, test=-2767.534)
total time= 1.0s
[CV 1/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2074.229, test=-2426.928)
total time= 2.4s
[CV 4/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2041.603, test=-2622.243)
total time= 2.4s
[CV 2/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1766.991, test=-2565.007)
total time= 4.8s
[CV 5/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1707.829, test=-2772.906)
total time= 4.8s
[CV 1/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1221.117, test=-2659.652)
total time= 12.0s
[CV 4/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-776.467, test=-2846.979)
total time= 23.9s
[CV 2/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1208.076, test=-2720.978)
total time= 12.0s
[CV 5/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-769.344, test=-2936.245)

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total time= 24.7s
[CV 1/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-110.294, test=-2766.947)
total time= 19.3s
[CV 4/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-12.297, test=-2952.518)
total time= 39.0s
[CV 2/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-149.442, test=-2785.314)
total time= 19.6s
[CV 5/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-10.553, test=-2981.120)
total time= 38.8s
[CV 3/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-210.214, test=-3138.052)
total time= 19.3s
[CV 1/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2188.925, test=-2480.660)
total time= 0.8s
[CV 3/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2162.603, test=-2756.189)
total time= 0.8s
[CV 5/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2177.331, test=-2706.386)
total time= 0.8s
[CV 2/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2027.418, test=-2483.322)
total time= 1.6s
[CV 4/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

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[CV 4/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2024.570, test=-2552.053)
total time= 1.6s

[CV 2/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 2/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1517.575, test=-2536.894)
total time= 4.0s

[CV 5/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 5/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1347.335, test=-2841.398)
total time= 3.9s

[CV 3/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 3/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-875.713, test=-3009.872)
total time= 7.8s

[CV 1/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 1/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-413.168, test=-2726.786)
total time= 15.6s

[CV 4/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-309.941, test=-2787.809)
total time= 19.6s

[CV 5/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 5/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2371.695, test=-2672.158)
total time= 0.5s

[CV 2/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 2/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2342.653, test=-2358.240)
total time= 1.0s

[CV 5/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 5/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2288.994, test=-2685.832)
total time= 1.0s

[CV 3/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 3/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2005.172, test=-2814.363)
total time= 2.5s

[CV 1/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 1/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-1769.085, test=-2478.823) total time= 4.9s
[CV 4/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 4/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-1752.106, test=-2683.159) total time= 4.9s
[CV 5/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 5/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-1316.985, test=-2868.780) total time= 9.7s
[CV 3/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 3/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-745.265, test=-3146.131) total time= 23.9s
[CV 3/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 3/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1312.898, test=-2956.640) total time= 9.7s
[CV 1/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 1/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-776.388, test=-2781.633) total time= 24.2s
[CV 2/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 2/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1366.790, test=-2694.562) total time= 9.7s
[CV 5/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 5/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1184.611, test=-2870.439) total time= 12.1s
[CV 3/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2270.828, test=-2767.534) total time= 1.0s
[CV 1/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50;; score=(train=-2074.229, test=-2427.078)
total time= 2.4s
[CV 4/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2029.537, test=-2627.350)
total time= 2.4s
[CV 2/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1766.991, test=-2549.636)
total time= 4.9s
[CV 5/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1707.815, test=-2775.652)
total time= 4.9s
[CV 1/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1221.117, test=-2654.342)
total time= 12.1s
[CV 4/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-776.467, test=-2842.508)
total time= 24.2s
[CV 4/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-229.048, test=-2837.118)
total time= 15.7s
[CV 2/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-10.279, test=-2866.894)
total time= 38.8s
[CV 4/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-252.298, test=-2795.764)
total time= 15.7s
[CV 2/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-13.454, test=-2794.242)
total time= 38.8s
[CV 5/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200
[CV 5/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-340.962, test=-2879.869)
total time= 15.6s
[CV 3/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-25.657, test=-3164.124)
total time= 38.4s
[CV 2/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-424.199, test=-2666.942)
total time= 15.4s
[CV 5/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-302.978, test=-2912.728)
total time= 19.3s
[CV 2/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1423.001, test=-2614.122)
total time= 3.9s
[CV 1/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1358.786, test=-2597.516)
total time= 9.6s
[CV 4/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1226.236, test=-2797.240)
total time= 12.1s
[CV 3/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2376.341, test=-2732.143)
total time= 0.5s
[CV 5/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2371.693, test=-2671.481)
total time= 0.5s
[CV 2/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2342.653, test=-2368.541)

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total time= 1.0s
[CV 5/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2288.994, test=-2685.832)
total time= 1.0s
[CV 3/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2005.172, test=-2816.583)
total time= 2.4s
[CV 1/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1769.085, test=-2479.509)
total time= 4.9s
[CV 4/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1752.106, test=-2682.019)
total time= 4.8s
[CV 5/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1332.379, test=-2857.411)
total time= 9.7s
[CV 3/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-745.265, test=-3146.650)
total time= 23.9s
[CV 1/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-238.482, test=-2745.047)
total time= 15.4s
[CV 4/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-144.674, test=-2903.522)
total time= 19.3s
[CV 4/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1927.779, test=-2555.961)
total time= 1.6s
[CV 1/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

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[CV 1/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1223.977, test=-2585.655)
total time= 3.8s

[CV 4/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 4/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1289.537, test=-2712.653)
total time= 3.9s

[CV 2/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 2/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-731.842, test=-2711.785)
total time= 7.7s

[CV 5/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 5/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-660.817, test=-2953.200)
total time= 7.6s

[CV 5/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 5/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-222.630, test=-2981.927)
total time= 15.5s

[CV 3/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 3/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-11.822, test=-3072.040)
total time= 38.6s

[CV 4/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 4/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-344.395, test=-2828.925)
total time= 15.5s

[CV 2/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-30.575, test=-2836.836)
total time= 38.8s

[CV 3/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 3/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-374.025, test=-3065.400)
total time= 15.5s

[CV 1/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-46.377, test=-2761.968)
total time= 38.5s

[CV 2/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 2/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-377.303, test=-2758.308)
total time= 15.2s
[CV 5/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 5/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-250.104, test=-2956.427)
total time= 19.3s
[CV 2/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 2/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1423.001, test=-2620.431)
total time= 4.0s
[CV 5/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 5/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1323.019, test=-2851.704)
total time= 3.9s
[CV 3/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-1243.146, test=-2878.752)
total time= 4.0s
[CV 1/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 1/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-694.777, test=-2701.016)
total time= 7.9s
[CV 2/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 2/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-247.218, test=-2800.963)
total time= 15.7s
[CV 5/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 5/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-124.779, test=-2981.037)
total time= 19.5s
[CV 2/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 2/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1340.334, test=-2613.224)
total time= 3.9s
[CV 5/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 5/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1245.538, test=-2883.778)
total time= 3.8s


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[CV 3/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-731.519, test=-2961.697)
total time= 7.7s
[CV 1/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-239.333, test=-2687.167)
total time= 15.4s
[CV 4/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-154.464, test=-2805.598)
total time= 19.3s
[CV 4/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2231.039, test=-2527.859)
total time= 0.8s
[CV 1/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1970.982, test=-2518.460)
total time= 1.6s
[CV 3/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1890.284, test=-2833.569)
total time= 1.5s
[CV 5/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1871.989, test=-2721.100)
total time= 1.6s
[CV 3/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1322.825, test=-2948.663)
total time= 4.0s
[CV 1/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-855.773, test=-2652.504)
total time= 7.7s
[CV 4/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100;; score=(train=-779.836, test=-2760.407)
total time= 7.7s
[CV 2/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-345.981, test=-2818.888)
total time= 15.6s
[CV 5/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-238.253, test=-2880.424)
total time= 19.4s
[CV 5/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1907.093, test=-2764.430)
total time= 1.5s
[CV 3/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1409.732, test=-2910.966)
total time= 3.9s
[CV 1/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-881.939, test=-2657.664)
total time= 7.8s
[CV 4/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-926.277, test=-2672.908)
total time= 7.7s
[CV 4/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-453.031, test=-2770.260)
total time= 15.6s
[CV 2/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-54.917, test=-2733.380)
total time= 38.6s
[CV 3/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-363.044, test=-3132.821)
total time= 15.4s
[CV 1/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500
[CV 1/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-40.741, test=-2700.289)
total time= 38.3s
[CV 2/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-380.342, test=-2811.932)
total time= 15.3s
[CV 5/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-250.104, test=-2958.587)
total time= 19.2s
[CV 5/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1281.398, test=-2804.987)
total time= 3.9s
[CV 3/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-836.921, test=-3046.027)
total time= 7.9s
[CV 1/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-286.167, test=-2722.195)
total time= 15.5s
[CV 4/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-230.975, test=-2851.802)
total time= 19.5s
[CV 2/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2261.715, test=-2384.949)
total time= 0.8s
[CV 4/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2261.046, test=-2520.377)
total time= 0.8s
[CV 1/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1930.622, test=-2493.030)

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total time= 1.5s
[CV 3/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1953.358, test=-2787.585)
total time= 1.5s
[CV 1/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1363.555, test=-2546.238)
total time= 3.8s
[CV 4/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1449.607, test=-2604.932)
total time= 3.9s
[CV 2/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-898.806, test=-2612.434)
total time= 7.7s
[CV 5/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-915.739, test=-2859.177)
total time= 7.7s
[CV 1/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-271.433, test=-2748.949)
total time= 19.3s
[CV 4/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-55.079, test=-2803.252)
total time= 38.8s
[CV 2/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-247.430, test=-2845.764)
total time= 19.2s
[CV 5/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-40.864, test=-2983.484)
total time= 38.5s
[CV 3/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

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[CV 3/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-234.501, test=-3143.416)
total time= 19.2s
[CV 1/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2225.719, test=-2462.358)
total time= 0.8s
[CV 2/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2194.652, test=-2403.094)
total time= 0.8s
[CV 3/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2169.473, test=-2770.935)
total time= 0.8s
[CV 5/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2156.599, test=-2708.126)
total time= 0.8s
[CV 2/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1968.297, test=-2479.089)
total time= 1.5s
[CV 4/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1938.926, test=-2572.133)
total time= 1.5s
[CV 2/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1423.001, test=-2616.465)
total time= 3.8s
[CV 5/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1323.019, test=-2857.185)
total time= 3.8s
[CV 3/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-836.022, test=-3052.796)
total time= 7.7s

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[CV 1/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 1/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-360.179, test=-2693.386) total time= 15.3s
[CV 4/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 4/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-245.695, test=-2807.562) total time= 19.1s
[CV 4/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 3/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-702.452, test=-2993.801) total time= 7.8s
[CV 5/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 5/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-230.063, test=-2966.655) total time= 15.7s
[CV 3/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 3/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-8.522, test=-3075.390) total time= 38.6s
[CV 1/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 1/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-151.645, test=-2712.766) total time= 19.3s
[CV 4/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 4/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-14.435, test=-2830.804) total time= 38.6s
[CV 2/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 2/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-229.201, test=-2825.778) total time= 19.4s
[CV 5/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 5/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-31.955, test=-2893.344) total time= 38.5s
[CV 3/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 3/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250;; score=(train=-249.480, test=-3085.923)
total time= 19.2s
[CV 1/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2225.719, test=-2467.986)
total time= 0.8s
[CV 2/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2194.652, test=-2396.696)
total time= 0.7s
[CV 3/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2169.473, test=-2771.196)
total time= 0.8s
[CV 4/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2218.905, test=-2514.696)
total time= 0.7s
[CV 5/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2156.599, test=-2710.654)
total time= 0.8s
[CV 2/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1968.297, test=-2489.554)
total time= 1.5s
[CV 4/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1938.926, test=-2572.170)
total time= 1.5s
[CV 1/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1350.584, test=-2543.288)
total time= 3.8s
[CV 4/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1347.244, test=-2637.026)
total time= 3.8s
[CV 2/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 2/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-872.509, test=-2730.685)
total time= 7.7s
[CV 5/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-812.183, test=-2903.104)
total time= 7.7s
[CV 1/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-252.456, test=-2697.972)
total time= 19.1s
[CV 4/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-37.801, test=-2832.399)
total time= 38.7s
[CV 2/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-247.430, test=-2848.359)
total time= 19.2s
[CV 5/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-41.627, test=-2964.675)
total time= 38.3s
[CV 3/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-245.716, test=-3153.306)
total time= 19.3s
[CV 1/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2244.037, test=-2431.456)
total time= 0.8s
[CV 2/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2256.717, test=-2382.284)
total time= 0.8s
[CV 3/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2190.590, test=-2782.203)

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total time= 0.8s
[CV 5/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2172.387, test=-2710.483)
total time= 0.8s
[CV 2/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1998.758, test=-2426.455)
total time= 1.5s
[CV 2/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-830.551, test=-2748.570)
total time= 7.7s
[CV 5/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-767.633, test=-2856.445)
total time= 7.7s
[CV 1/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-184.681, test=-2741.695)
total time= 19.2s
[CV 4/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-36.391, test=-2876.508)
total time= 38.5s
[CV 2/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-292.687, test=-2668.825)
total time= 19.2s
[CV 5/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-53.553, test=-2898.508)
total time= 38.3s
[CV 3/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-245.716, test=-3153.517)
total time= 19.1s
[CV 1/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2225.719, test=-2464.174)

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total time= 0.8s
[CV 2/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2194.652, test=-2400.781)
total time= 0.8s
[CV 3/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2169.473, test=-2771.196)
total time= 0.7s
[CV 4/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2218.905, test=-2514.696)
total time= 0.8s
[CV 5/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2156.599, test=-2702.878)
total time= 0.8s
[CV 2/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1968.297, test=-2477.089)
total time= 1.6s
[CV 4/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1938.926, test=-2576.287)
total time= 1.5s
[CV 1/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1350.584, test=-2546.382)
total time= 3.8s
[CV 4/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1347.244, test=-2639.474)
total time= 3.9s
[CV 2/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-872.509, test=-2731.449)
total time= 7.8s
[CV 5/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

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[CV 5/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-812.183, test=-2899.662)
total time= 7.6s

[CV 1/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 1/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-252.456, test=-2689.182)
total time= 19.0s

[CV 4/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 4/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-37.801, test=-2842.222)
total time= 38.2s

[CV 2/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 2/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-247.430, test=-2851.828)
total time= 19.2s

[CV 5/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 5/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-41.627, test=-2967.178)
total time= 38.7s

[CV 3/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 3/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-301.864, test=-3092.809)
total time= 19.3s

[CV 1/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 1/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2273.783, test=-2448.531)
total time= 0.8s

[CV 2/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 2/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2256.279, test=-2361.344)
total time= 0.8s

[CV 3/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 3/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2228.004, test=-2748.192)
total time= 0.8s

[CV 5/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 5/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2167.512, test=-2683.534)
total time= 0.8s

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[CV 2/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2008.627, test=-2417.568)
total time= 1.5s
[CV 4/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1995.860, test=-2592.591)
total time= 1.6s
[CV 5/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1323.019, test=-2853.266)
total time= 3.8s
[CV 3/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-836.022, test=-3051.695)
total time= 7.7s
[CV 1/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-360.179, test=-2689.296)
total time= 15.3s
[CV 4/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-245.695, test=-2818.158)
total time= 19.3s
[CV 1/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1982.235, test=-2486.844)
total time= 1.6s
[CV 3/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1922.954, test=-2828.795)
total time= 1.6s
[CV 5/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1879.077, test=-2762.142)
total time= 1.6s
[CV 3/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-1381.568, test=-2924.948)
total time= 4.0s
[CV 1/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-843.926, test=-2632.619)
total time= 7.9s
[CV 4/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-832.572, test=-2753.906)
total time= 7.7s
[CV 3/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-358.003, test=-3123.143)
total time= 15.4s
[CV 1/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-40.741, test=-2688.806)
total time= 38.5s
[CV 2/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-380.342, test=-2816.035)
total time= 15.5s
[CV 5/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-250.104, test=-2957.332)
total time= 19.2s
[CV 1/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1416.388, test=-2529.527)
total time= 3.8s
[CV 4/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1483.598, test=-2634.933)
total time= 3.8s
[CV 2/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-971.550, test=-2632.457)
total time= 7.7s
[CV 5/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100
[CV 5/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-902.881, test=-2815.868)
total time= 7.7s
[CV 1/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-310.330, test=-2710.603)
total time= 19.1s
[CV 4/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-79.881, test=-2867.023)
total time= 38.5s
[CV 2/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-342.627, test=-2831.565)
total time= 19.0s
[CV 5/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-91.151, test=-2986.971)
total time= 38.1s
[CV 3/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-357.893, test=-3096.374)
total time= 19.0s
[CV 1/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2273.783, test=-2451.493)
total time= 0.8s
[CV 2/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2256.283, test=-2356.888)
total time= 0.8s
[CV 3/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2228.057, test=-2755.275)
total time= 0.8s
[CV 4/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2225.253, test=-2566.150)

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total time= 0.8s
[CV 1/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2049.223, test=-2486.482)
total time= 1.5s
[CV 4/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-836.022, test=-3046.167)
total time= 7.9s
[CV 1/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-360.179, test=-2690.669)
total time= 15.5s
[CV 4/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-245.695, test=-2815.792)
total time= 19.5s
[CV 4/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2218.905, test=-2515.453)
total time= 0.8s
[CV 1/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1982.235, test=-2490.174)
total time= 1.5s
[CV 3/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1923.016, test=-2827.418)
total time= 1.5s
[CV 1/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1350.584, test=-2545.998)
total time= 3.8s
[CV 4/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1347.244, test=-2641.677)
total time= 3.9s

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[CV 2/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 2/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-872.509, test=-2734.274) total time= 7.8s
[CV 5/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 5/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-812.183, test=-2897.842) total time= 7.8s
[CV 1/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 1/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-252.456, test=-2692.279) total time= 19.5s
[CV 4/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 4/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-37.801, test=-2845.170) total time= 38.6s
[CV 2/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 2/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-344.998, test=-2741.231) total time= 19.4s
[CV 5/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 5/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-62.034, test=-2907.437) total time= 38.7s
[CV 4/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 4/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-357.780, test=-2858.099) total time= 19.2s
[CV 2/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2256.283, test=-2365.011) total time= 0.8s
[CV 4/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 4/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2225.253, test=-2566.150) total time= 0.8s
[CV 1/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 1/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,


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min_samples_split=5, n_estimators=20;; score=(train=-2020.372, test=-2482.040)
total time= 1.5s
[CV 4/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2010.983, test=-2582.061)
total time= 1.6s
[CV 2/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1456.383, test=-2570.134)
total time= 3.8s
[CV 5/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1437.924, test=-2804.004)
total time= 3.9s
[CV 3/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-969.390, test=-2938.200)
total time= 7.7s
[CV 1/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-497.592, test=-2754.089)
total time= 15.4s
[CV 4/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-377.378, test=-2872.875)
total time= 19.2s
[CV 5/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2167.580, test=-2683.939)
total time= 0.8s
[CV 2/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2008.627, test=-2427.853)
total time= 1.5s
[CV 5/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1940.308, test=-2740.078)
total time= 1.5s
[CV 3/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 3/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1461.341, test=-2922.939)
total time= 3.9s
[CV 1/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1980.431, test=-2603.455)
total time= 1.5s
[CV 2/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1456.335, test=-2529.987)
total time= 3.8s
[CV 5/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1381.116, test=-2784.976)
total time= 3.9s
[CV 3/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-938.691, test=-3039.472)
total time= 7.8s
[CV 1/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-445.411, test=-2690.589)
total time= 15.4s
[CV 4/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-356.105, test=-2829.902)
total time= 19.3s
[CV 4/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2225.253, test=-2570.206)
total time= 0.8s
[CV 1/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2020.372, test=-2481.678)
total time= 1.5s
[CV 3/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 3/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1974.911, test=-2792.369)
total time= 1.6s

[CV 1/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 1/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1462.368, test=-2603.474)
total time= 3.8s

[CV 4/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 4/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1482.659, test=-2680.641)
total time= 3.9s

[CV 2/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 2/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-971.010, test=-2652.128)
total time= 7.6s

[CV 5/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 5/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-916.911, test=-2907.249)
total time= 7.6s

[CV 1/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 1/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-371.256, test=-2752.908)
total time= 19.2s

[CV 4/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 4/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-86.525, test=-2888.600)
total time= 38.4s

[CV 2/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 2/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-342.627, test=-2837.423)
total time= 19.2s

[CV 5/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 5/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-78.679, test=-2960.347)
total time= 38.4s

[CV 3/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 3/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-355.093, test=-3208.218)
total time= 19.2s

[CV 1/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 1/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2273.762, test=-2448.534) total time= 0.8s
[CV 2/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 2/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2256.279, test=-2359.158) total time= 0.8s
[CV 4/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 4/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2225.253, test=-2570.206) total time= 0.8s
[CV 1/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 1/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2049.223, test=-2490.842) total time= 1.5s
[CV 4/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 4/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-1995.860, test=-2592.458) total time= 1.5s
[CV 2/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 2/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1444.485, test=-2588.331) total time= 3.8s
[CV 5/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 5/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1424.763, test=-2808.337) total time= 3.8s
[CV 3/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 3/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-973.082, test=-3007.715) total time= 7.6s
[CV 1/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 1/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-501.642, test=-2742.195) total time= 15.2s
[CV 4/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 4/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-357.780, test=-2855.994)
total time= 19.1s
[CV 1/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1982.235, test=-2485.294)
total time= 1.6s
[CV 3/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1922.954, test=-2827.794)
total time= 1.5s
[CV 5/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1879.077, test=-2749.356)
total time= 1.6s
[CV 3/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1381.568, test=-2913.617)
total time= 3.9s
[CV 1/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-843.926, test=-2632.818)
total time= 7.7s
[CV 4/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-832.572, test=-2754.903)
total time= 7.8s
[CV 5/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-366.282, test=-2944.276)
total time= 15.5s
[CV 3/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-37.016, test=-3171.594)
total time= 38.5s
[CV 4/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-356.708, test=-2809.485)
total time= 15.5s
[CV 2/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500
[CV 2/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-38.262, test=-2883.371)
total time= 38.5s
[CV 3/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-363.044, test=-3117.342)
total time= 15.5s
[CV 1/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-40.741, test=-2688.818)
total time= 38.4s
[CV 2/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-460.284, test=-2698.237)
total time= 15.4s
[CV 5/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-317.043, test=-2890.010)
total time= 19.2s
[CV 5/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1940.306, test=-2738.751)
total time= 1.5s
[CV 3/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1486.607, test=-2853.810)
total time= 3.8s
[CV 1/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-993.994, test=-2635.561)
total time= 7.7s
[CV 4/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-981.455, test=-2772.631)
total time= 7.6s
[CV 5/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-477.666, test=-2917.319)

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total time= 15.3s
[CV 3/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-87.775, test=-3092.652)
total time= 38.1s
[CV 4/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-488.305, test=-2837.009)
total time= 15.2s
[CV 2/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-75.386, test=-2785.947)
total time= 37.9s
[CV 3/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-476.416, test=-3036.540)
total time= 15.5s
[CV 1/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-82.738, test=-2822.578)
total time= 38.3s
[CV 2/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-474.907, test=-2750.056)
total time= 14.9s
[CV 5/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-345.454, test=-2929.394)
total time= 18.8s
[CV 3/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1944.148, test=-2819.224)
total time= 1.5s
[CV 1/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1516.567, test=-2556.735)
total time= 3.7s
[CV 4/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

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[CV 1/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-24.710, test=-2757.314)
total time= 39.0s

[CV 5/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 5/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-438.420, test=-2918.162)
total time= 15.6s

[CV 3/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 3/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-43.952, test=-3106.515)
total time= 39.0s

[CV 4/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 4/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-356.708, test=-2818.145)
total time= 15.5s

[CV 2/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 2/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-38.262, test=-2894.911)
total time= 38.9s

[CV 5/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 5/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-368.999, test=-2939.048)
total time= 15.3s

[CV 3/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 3/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-37.016, test=-3179.706)
total time= 38.6s

[CV 4/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 4/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-356.708, test=-2803.207)
total time= 15.5s

[CV 2/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 2/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-38.262, test=-2881.957)
total time= 38.3s

[CV 3/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 3/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-430.615, test=-3075.580)
total time= 15.4s

[CV 1/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 1/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-63.731, test=-2735.574)
total time= 38.3s

[CV 2/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 2/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-474.907, test=-2751.706)
total time= 15.2s

[CV 5/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 5/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-337.565, test=-2931.224)
total time= 18.9s

[CV 3/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 3/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-1974.911, test=-2795.222)
total time= 1.5s

[CV 1/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 1/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1462.368, test=-2598.773)
total time= 3.8s

[CV 4/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 4/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1482.659, test=-2677.310)
total time= 3.8s

[CV 2/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 2/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-971.010, test=-2660.527)
total time= 7.8s

[CV 5/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 5/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-897.248, test=-2807.241)
total time= 7.6s

[CV 1/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 1/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-371.687, test=-2794.988)
total time= 19.1s

[CV 4/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 4/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500;; score=(train=-86.525, test=-2888.906)
total time= 38.3s
[CV 2/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-342.627, test=-2827.961)
total time= 19.4s
[CV 5/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-78.679, test=-2962.291)
total time= 38.0s
[CV 3/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-349.236, test=-3050.483)
total time= 19.3s
[CV 1/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2266.223, test=-2416.815)
total time= 0.8s
[CV 2/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2292.489, test=-2388.462)
total time= 0.8s
[CV 4/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2259.068, test=-2506.994)
total time= 0.8s
[CV 1/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2002.196, test=-2459.287)
total time= 1.5s
[CV 4/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2072.324, test=-2549.274)
total time= 1.6s
[CV 2/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1563.595, test=-2613.049)
total time= 3.9s
[CV 4/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-2237.676, test=-2563.263)
total time= 0.8s
[CV 1/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2024.385, test=-2466.347)
total time= 1.5s
[CV 3/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1962.821, test=-2807.811)
total time= 1.5s
[CV 5/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1944.794, test=-2710.484)
total time= 1.6s
[CV 3/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1456.562, test=-2961.541)
total time= 3.8s
[CV 1/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-962.901, test=-2616.051)
total time= 7.6s
[CV 4/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-953.566, test=-2811.002)
total time= 7.7s
[CV 5/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-430.777, test=-2874.017)
total time= 15.3s
[CV 3/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-67.585, test=-3120.859)
total time= 38.1s
[CV 4/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-488.305, test=-2837.948)
total time= 15.0s
[CV 2/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500
[CV 2/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-75.386, test=-2784.976)
total time= 37.7s
[CV 2/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-463.724, test=-2813.572)
total time= 15.1s
[CV 5/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-337.565, test=-2934.604)
total time= 18.9s
[CV 3/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1974.857, test=-2786.964)
total time= 1.5s
[CV 1/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1479.920, test=-2536.540)
total time= 3.8s
[CV 4/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1505.724, test=-2690.439)
total time= 3.8s
[CV 2/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-971.010, test=-2662.979)
total time= 7.6s
[CV 5/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-916.911, test=-2908.708)
total time= 7.7s
[CV 1/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-371.687, test=-2790.648)
total time= 19.0s
[CV 4/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-100.518, test=-2901.635)

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total time= 37.9s
[CV 2/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-338.338, test=-2766.975)
total time= 19.0s
[CV 5/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-78.679, test=-2966.285)
total time= 37.8s
[CV 3/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-433.261, test=-3145.281)
total time= 18.8s
[CV 1/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2266.223, test=-2417.169)
total time= 0.8s
[CV 2/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2292.474, test=-2388.469)
total time= 0.7s
[CV 3/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2180.978, test=-2775.703)
total time= 0.7s
[CV 4/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2259.068, test=-2503.756)
total time= 0.8s
[CV 5/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2216.243, test=-2704.153)
total time= 0.8s
[CV 2/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1879.077, test=-2754.977)
total time= 1.5s
[CV 3/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

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[CV 3/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1381.568, test=-2920.094)
total time= 3.8s

[CV 1/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 1/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-843.926, test=-2635.030)
total time= 7.7s

[CV 4/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 4/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-832.572, test=-2743.525)
total time= 7.7s

[CV 5/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 5/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-366.282, test=-2956.443)
total time= 15.5s

[CV 3/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 3/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-37.016, test=-3159.902)
total time= 38.5s

[CV 4/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 4/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-477.170, test=-2817.306)
total time= 15.4s

[CV 2/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 2/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-66.534, test=-2743.803)
total time= 38.3s

[CV 3/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 3/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-479.412, test=-3090.842)
total time= 15.4s

[CV 1/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-90.812, test=-2764.094)
total time= 38.3s

[CV 3/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 3/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-476.416, test=-3033.030)
total time= 15.4s

[CV 1/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-82.738, test=-2819.379)
total time= 38.4s
[CV 2/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-474.907, test=-2744.114)
total time= 15.3s
[CV 5/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-366.521, test=-2950.313)
total time= 19.1s
[CV 3/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1997.305, test=-2820.569)
total time= 1.5s
[CV 1/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1479.920, test=-2532.942)
total time= 3.8s
[CV 4/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1482.659, test=-2680.824)
total time= 3.8s
[CV 2/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-949.682, test=-2718.706)
total time= 7.6s
[CV 5/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-916.911, test=-2902.529)
total time= 7.6s
[CV 1/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-371.687, test=-2788.695)
total time= 19.2s
[CV 4/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=500;; score=(train=-86.525, test=-2868.914)
total time= 38.5s
[CV 2/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-427.731, test=-2863.770)
total time= 19.0s
[CV 5/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-123.845, test=-2983.785)
total time= 37.7s
[CV 3/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-433.261, test=-3148.107)
total time= 19.2s
[CV 1/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2266.198, test=-2417.289)
total time= 0.8s
[CV 3/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2180.978, test=-2775.923)
total time= 0.7s
[CV 5/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2216.242, test=-2709.246)
total time= 0.8s
[CV 2/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2045.047, test=-2487.453)
total time= 1.5s
[CV 5/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1444.485, test=-2587.266)
total time= 3.8s
[CV 5/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1437.924, test=-2803.780)

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total time= 3.9s
[CV 3/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-969.390, test=-2942.427)
total time= 7.6s
[CV 1/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-501.642, test=-2738.647)
total time= 15.2s
[CV 3/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-357.893, test=-3086.476)
total time= 18.9s
[CV 1/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2273.783, test=-2448.531)
total time= 0.8s
[CV 3/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2228.011, test=-2748.116)
total time= 0.8s
[CV 5/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2167.581, test=-2683.387)
total time= 0.8s
[CV 2/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2008.627, test=-2423.397)
total time= 1.5s
[CV 5/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1920.855, test=-2739.900)
total time= 1.5s
[CV 3/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1461.341, test=-2924.857)
total time= 3.8s
[CV 1/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

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[CV 1/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-959.045, test=-2653.796)
total time= 7.7s

[CV 4/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 4/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-981.455, test=-2771.767)
total time= 7.5s

[CV 5/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 5/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-477.666, test=-2915.747)
total time= 15.2s

[CV 3/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 3/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-87.775, test=-3093.381)
total time= 38.2s

[CV 4/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 4/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-488.305, test=-2835.697)
total time= 15.4s

[CV 2/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 2/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-75.386, test=-2802.981)
total time= 38.2s

[CV 3/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 3/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-479.412, test=-3088.569)
total time= 15.4s

[CV 1/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-90.812, test=-2768.056)
total time= 38.3s

[CV 3/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-573.044, test=-3129.373)
total time= 15.2s

[CV 1/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-119.465, test=-2806.734)
total time= 37.7s

[CV 2/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 2/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-581.758, test=-2843.201)
total time= 15.1s
[CV 5/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 5/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-444.811, test=-2936.850)
total time= 19.0s
[CV 3/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 3/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-1944.148, test=-2819.947)
total time= 1.5s
[CV 1/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 1/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-1516.567, test=-2559.374)
total time= 3.8s
[CV 4/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 4/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-1563.161, test=-2630.979)
total time= 3.8s
[CV 2/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 2/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-1049.485, test=-2756.798)
total time= 7.6s
[CV 5/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 5/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-997.926, test=-2860.329)
total time= 7.5s
[CV 4/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-1995.860, test=-2592.408)
total time= 1.6s
[CV 2/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 2/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1444.485, test=-2583.411)
total time= 3.8s
[CV 5/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 5/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1421.386, test=-2735.800)
total time= 3.8s

[CV 3/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 3/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-969.390, test=-2947.745) total time= 7.7s

[CV 1/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 1/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-497.592, test=-2748.134) total time= 15.3s

[CV 4/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 4/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-357.780, test=-2854.613) total time= 19.1s

[CV 3/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 3/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2228.007, test=-2748.114) total time= 0.8s

[CV 5/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 5/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2167.580, test=-2683.939) total time= 0.8s

[CV 2/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 2/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2008.627, test=-2422.856) total time= 1.5s

[CV 5/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 5/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-1940.308, test=-2738.790) total time= 1.5s

[CV 3/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 3/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1486.607, test=-2861.586) total time= 3.9s

[CV 1/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 1/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-959.045, test=-2656.250) total time= 7.7s

[CV 4/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 4/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100;; score=(train=-981.455, test=-2775.729)
total time= 7.6s
[CV 5/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-477.666, test=-2920.355)
total time= 15.4s
[CV 3/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-80.135, test=-3145.167)
total time= 38.1s
[CV 4/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-550.444, test=-2824.532)
total time= 15.0s
[CV 2/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-117.873, test=-2933.026)
total time= 37.5s
[CV 3/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-573.044, test=-3127.504)
total time= 15.2s
[CV 1/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-123.579, test=-2768.124)
total time= 37.7s
[CV 2/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-581.758, test=-2839.051)
total time= 15.2s
[CV 5/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-414.960, test=-2951.250)
total time= 18.5s
[CV 4/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2072.324, test=-2553.028)
total time= 1.6s
[CV 3/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50
[CV 3/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1430.552, test=-2947.006)
total time= 3.8s
[CV 1/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1072.023, test=-2631.617)
total time= 7.6s
[CV 4/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1066.120, test=-2748.262)
total time= 7.6s
[CV 3/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-573.044, test=-3123.819)
total time= 15.3s
[CV 2/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-109.741, test=-2937.035)
total time= 38.0s
[CV 4/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-60.455, test=-2788.832)
total time= 11.4s
[CV 2/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2180.978, test=-2775.487)
total time= 0.8s
[CV 5/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2216.243, test=-2706.119)
total time= 0.8s
[CV 2/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2045.047, test=-2486.007)
total time= 1.5s
[CV 5/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

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[CV 5/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1958.800, test=-2740.244)
total time= 1.5s

[CV 3/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 3/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1430.552, test=-2947.493)
total time= 3.8s

[CV 5/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 5/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1516.070, test=-2819.472)
total time= 3.8s

[CV 3/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 3/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1023.379, test=-3032.940)
total time= 7.6s

[CV 1/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 1/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-532.276, test=-2749.047)
total time= 15.1s

[CV 4/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 4/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-416.431, test=-2846.279)
total time= 18.9s

[CV 1/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 1/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2002.196, test=-2457.678)
total time= 1.5s

[CV 3/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 3/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1944.148, test=-2822.049)
total time= 1.5s

[CV 1/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 1/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1516.567, test=-2560.712)
total time= 3.8s

[CV 4/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 4/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1563.161, test=-2637.615)
total time= 3.8s

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[CV 2/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1049.485, test=-2753.947)
total time= 7.6s
[CV 5/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-995.134, test=-2870.095)
total time= 7.5s
[CV 1/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-415.880, test=-2771.235)
total time= 18.9s
[CV 4/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-122.496, test=-2887.371)
total time= 37.8s
[CV 2/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-427.731, test=-2881.138)
total time= 18.9s
[CV 5/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-110.813, test=-3003.147)
total time= 37.8s
[CV 3/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-433.261, test=-3140.155)
total time= 19.3s
[CV 1/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1654.301, test=-2537.718)
total time= 1.1s
[CV 3/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1722.681, test=-2789.654)
total time= 1.1s
[CV 5/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10;; score=(train=-1644.592, test=-2775.433)
total time= 1.1s
[CV 2/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1084.581, test=-2593.519)
total time= 2.3s
[CV 5/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1110.998, test=-2856.493)
total time= 2.6s
[CV 3/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-308.579, test=-2960.615)
total time= 5.7s
[CV 1/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-47.290, test=-2676.446)
total time= 11.5s
[CV 2/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2.733, test=-2710.706)
total time= 23.3s
[CV 4/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1563.161, test=-2634.159)
total time= 3.8s
[CV 2/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1049.485, test=-2755.795)
total time= 7.5s
[CV 5/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-995.134, test=-2877.661)
total time= 7.5s
[CV 1/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-415.880, test=-2772.124)
total time= 18.8s
[CV 4/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500;; score=(train=-122.496, test=-2881.708)
total time= 37.8s
[CV 2/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-442.703, test=-2908.660)
total time= 18.8s
[CV 5/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-113.975, test=-2995.156)
total time= 37.6s
[CV 3/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-433.261, test=-3146.222)
total time= 19.1s
[CV 1/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2266.198, test=-2417.876)
total time= 0.8s
[CV 2/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2292.489, test=-2382.035)
total time= 0.7s
[CV 3/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2180.978, test=-2775.487)
total time= 0.7s
[CV 5/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2216.247, test=-2704.216)
total time= 0.8s
[CV 2/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2045.047, test=-2482.135)
total time= 1.5s
[CV 5/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1958.800, test=-2736.881)
total time= 1.5s
[CV 2/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50
[CV 2/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1563.595, test=-2628.534)
total time= 3.8s
[CV 5/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1516.070, test=-2825.819)
total time= 3.8s
[CV 3/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1023.379, test=-3038.100)
total time= 7.6s
[CV 1/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-532.276, test=-2740.545)
total time= 15.0s
[CV 4/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-416.431, test=-2847.619)
total time= 18.8s
[CV 2/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1623.653, test=-2548.084)
total time= 1.1s
[CV 4/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1784.854, test=-2651.650)
total time= 1.2s
[CV 1/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1095.161, test=-2582.731)
total time= 2.3s
[CV 4/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1226.811, test=-2717.142)
total time= 2.5s
[CV 2/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-384.529, test=-2673.692)

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total time= 5.8s
[CV 5/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-296.262, test=-2912.667)
total time= 5.7s
[CV 3/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-44.968, test=-2961.597)
total time= 11.4s
[CV 4/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.925, test=-2850.799)
total time= 23.2s
[CV 3/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2970.578)
total time= 57.6s
[CV 4/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2045.040, test=-2491.317)
total time= 1.5s
[CV 4/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2072.324, test=-2552.601)
total time= 1.5s
[CV 2/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1563.607, test=-2631.805)
total time= 3.8s
[CV 5/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1516.055, test=-2821.375)
total time= 3.8s
[CV 3/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1023.379, test=-3033.376)
total time= 7.5s
[CV 1/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

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[CV 1/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-572.028, test=-2698.206)
total time= 15.0s
[CV 4/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-416.431, test=-2847.119)
total time= 18.7s
[CV 2/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2292.474, test=-2380.255)
total time= 0.7s
[CV 4/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2259.068, test=-2506.994)
total time= 0.8s
[CV 1/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2002.196, test=-2456.428)
total time= 1.5s
[CV 4/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2072.324, test=-2557.348)
total time= 1.5s
[CV 2/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1563.595, test=-2621.165)
total time= 3.8s
[CV 5/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1516.055, test=-2821.664)
total time= 3.8s
[CV 3/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1023.379, test=-3040.442)
total time= 7.6s
[CV 1/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-572.028, test=-2702.130)
total time= 15.1s

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[CV 4/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 4/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-416.431, test=-2843.448) total time= 18.8s
[CV 4/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2259.068, test=-2506.994) total time= 0.8s
[CV 1/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2002.196, test=-2458.647) total time= 1.5s
[CV 3/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1944.148, test=-2820.212) total time= 1.5s
[CV 1/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1558.535, test=-2520.650) total time= 3.8s
[CV 4/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 4/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1563.161, test=-2632.513) total time= 3.8s
[CV 2/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 2/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1107.558, test=-2733.347) total time= 7.6s
[CV 5/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 5/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1002.536, test=-2854.017) total time= 7.6s
[CV 1/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 1/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-415.880, test=-2765.319) total time= 18.9s
[CV 4/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 4/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500;; score=(train=-122.496, test=-2888.481)
total time= 37.9s
[CV 5/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2.239, test=-2927.120)
total time= 23.0s
[CV 2/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2713.180)
total time= 57.8s
[CV 5/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.980, test=-2993.652)
total time= 23.1s
[CV 3/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1958.791, test=-2740.801)
total time= 1.5s
[CV 3/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1430.552, test=-2945.080)
total time= 3.8s
[CV 1/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1018.655, test=-2659.891)
total time= 7.6s
[CV 4/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1066.120, test=-2750.211)
total time= 7.5s
[CV 4/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-550.444, test=-2825.194)
total time= 15.0s
[CV 2/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-109.741, test=-2937.050)
total time= 38.0s
[CV 5/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200
[CV 5/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-545.114, test=-2946.117)
total time= 15.1s
[CV 3/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-131.439, test=-3180.249)
total time= 38.6s
[CV 1/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.370, test=-2697.005)
total time= 23.0s
[CV 4/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.654, test=-2882.338)
total time= 29.0s
[CV 4/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1144.399, test=-2773.639)
total time= 2.3s
[CV 2/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-391.364, test=-2618.246)
total time= 5.7s
[CV 5/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-409.984, test=-2991.242)
total time= 5.8s
[CV 3/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-61.357, test=-3031.927)
total time= 11.4s
[CV 1/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.329, test=-2733.791)
total time= 22.9s
[CV 4/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.574, test=-2854.824)

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total time= 28.9s
[CV 4/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1832.587, test=-2626.765)
total time= 1.1s
[CV 1/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1380.042, test=-2553.741)
total time= 2.3s
[CV 3/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1329.790, test=-2948.415)
total time= 2.3s
[CV 5/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1284.310, test=-2848.174)
total time= 2.3s
[CV 3/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-579.801, test=-3001.273)
total time= 5.8s
[CV 1/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-155.781, test=-2692.344)
total time= 11.5s
[CV 4/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-162.160, test=-2749.826)
total time= 11.6s
[CV 3/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-11.741, test=-3030.747)
total time= 23.0s
[CV 5/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2.081, test=-2965.282)
total time= 28.5s
[CV 4/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

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[CV 4/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1454.901, test=-2619.741)
total time= 2.3s

[CV 2/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 2/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-772.026, test=-2651.844)
total time= 5.8s

[CV 1/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 1/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-249.223, test=-2730.486)
total time= 11.5s

[CV 4/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 1/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-993.994, test=-2630.284)
total time= 7.7s

[CV 4/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 4/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-981.455, test=-2777.487)
total time= 7.6s

[CV 5/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 5/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-477.666, test=-2911.798)
total time= 15.3s

[CV 3/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-87.775, test=-3101.268)
total time= 38.2s

[CV 4/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-488.305, test=-2840.610)
total time= 15.1s

[CV 2/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-75.386, test=-2794.535)
total time= 37.8s

[CV 2/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 2/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-581.758, test=-2843.973)
total time= 15.2s

[CV 5/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 5/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-444.811, test=-2943.484)
total time= 18.9s
[CV 5/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 5/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-1958.791, test=-2739.128)
total time= 1.5s
[CV 3/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 3/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50;; score=(train=-1430.552, test=-2947.462)
total time= 3.8s
[CV 1/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 1/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-1018.655, test=-2654.824)
total time= 7.5s
[CV 4/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 4/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-1066.120, test=-2746.393)
total time= 7.7s
[CV 4/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 4/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-550.444, test=-2830.150)
total time= 15.2s
[CV 2/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 2/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-117.873, test=-2922.002)
total time= 38.1s
[CV 3/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 3/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-573.044, test=-3123.473)
total time= 15.1s
[CV 1/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 1/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-119.465, test=-2808.088)
total time= 37.8s
[CV 2/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 2/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-581.758, test=-2837.870)
total time= 15.1s
[CV 5/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-436.732, test=-2936.806)
total time= 19.1s
[CV 3/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-975.727, test=-2921.485)
total time= 2.1s
[CV 1/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-319.797, test=-2701.277)
total time= 5.7s
[CV 4/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-340.868, test=-2786.153)
total time= 5.8s
[CV 2/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-58.485, test=-2683.747)
total time= 11.3s
[CV 3/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.715, test=-2974.586)
total time= 23.0s
[CV 1/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2686.527)
total time= 57.7s
[CV 3/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.049, test=-3063.506)
total time= 23.1s
[CV 1/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2753.606)
total time= 57.4s
[CV 2/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200
[CV 2/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-15.714, test=-2656.456)
total time= 23.1s
[CV 1/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.014, test=-2689.349)
total time= 57.5s
[CV 2/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1018.655, test=-2656.936)
total time= 7.6s
[CV 4/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1066.120, test=-2749.816)
total time= 7.7s
[CV 5/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-583.605, test=-2920.737)
total time= 15.3s
[CV 3/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-131.439, test=-3179.811)
total time= 38.4s
[CV 5/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-583.599, test=-2913.083)
total time= 15.3s
[CV 3/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-131.439, test=-3175.994)
total time= 37.9s
[CV 5/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-545.118, test=-2951.842)
total time= 15.0s
[CV 3/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

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[CV 3/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-131.439, test=-3173.550)
total time= 37.8s

[CV 4/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 4/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-550.444, test=-2829.289)
total time= 15.0s

[CV 1/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 1/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-119.465, test=-2797.624)
total time= 38.2s

[CV 5/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 5/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-51.698, test=-2920.767)
total time= 11.6s

[CV 3/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 3/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.357, test=-2981.704)
total time= 29.1s

[CV 1/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 1/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1741.252, test=-2512.927)
total time= 1.1s

[CV 2/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 2/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1668.788, test=-2472.299)
total time= 1.1s

[CV 3/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 3/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1669.010, test=-2807.764)
total time= 1.1s

[CV 4/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 4/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1829.637, test=-2663.376)
total time= 1.2s

[CV 5/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 5/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1644.350, test=-2865.278)
total time= 1.2s

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[CV 1/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1164.521, test=-2590.124)
total time= 2.3s
[CV 2/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1174.097, test=-2615.467)
total time= 2.3s
[CV 3/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1089.738, test=-2944.433)
total time= 2.3s
[CV 1/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-363.139, test=-2727.109)
total time= 5.7s
[CV 4/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-363.983, test=-2788.220)
total time= 5.7s
[CV 2/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-68.596, test=-2705.106)
total time= 11.6s
[CV 5/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-75.083, test=-3004.579)
total time= 11.7s
[CV 1/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.671, test=-2709.539)
total time= 29.2s
[CV 4/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2895.902)
total time= 57.6s
[CV 2/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250;; score=(train=-4.808, test=-2664.938)
total time= 29.0s
[CV 5/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.007, test=-2975.757)
total time= 57.5s
[CV 3/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.471, test=-2700.488)
total time= 29.0s
[CV 5/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2935.364)
total time= 58.1s
[CV 3/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.505, test=-3064.324)
total time= 28.8s
[CV 1/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1790.357, test=-2491.097)
total time= 1.1s
[CV 2/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1820.967, test=-2478.265)
total time= 1.1s
[CV 3/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1762.155, test=-2829.103)
total time= 1.1s
[CV 5/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1861.558, test=-2809.265)
total time= 1.2s
[CV 2/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1319.727, test=-2534.157)
total time= 2.3s
[CV 4/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20
[CV 4/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1298.013, test=-2678.142)
total time= 2.3s
[CV 1/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-587.864, test=-2653.105)
total time= 5.7s
[CV 4/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-532.135, test=-2736.517)
total time= 5.7s
[CV 2/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-150.736, test=-2689.160)
total time= 11.6s
[CV 5/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-125.149, test=-2957.533)
total time= 11.4s
[CV 1/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-4.023, test=-2688.441)
total time= 28.7s
[CV 4/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.009, test=-2760.372)
total time= 57.3s
[CV 2/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-18.034, test=-2701.993)
total time= 29.1s
[CV 5/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.131, test=-2950.072)
total time= 57.3s
[CV 3/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-5.538, test=-3030.809)

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total time= 28.1s
[CV 1/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1840.601, test=-2570.627)
total time= 1.1s
[CV 2/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1909.246, test=-2415.081)
total time= 1.1s
[CV 3/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1732.505, test=-2785.560)
total time= 1.1s
[CV 5/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1839.917, test=-2778.956)
total time= 1.1s
[CV 2/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1371.468, test=-2533.514)
total time= 2.3s
[CV 4/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1266.369, test=-2632.837)
total time= 2.2s
[CV 2/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-640.687, test=-2678.548)
total time= 5.6s
[CV 5/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-528.123, test=-2926.243)
total time= 5.6s
[CV 3/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-169.716, test=-3020.611)
total time= 11.3s
[CV 1/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 1/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-22.172, test=-2790.214)
total time= 22.6s

[CV 3/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 3/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-5.618, test=-3032.065)
total time= 28.0s

[CV 5/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 5/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.199, test=-2927.124)
total time= 28.7s

[CV 5/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 5/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1178.545, test=-2934.384)
total time= 2.3s

[CV 3/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 3/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-363.710, test=-3030.562)
total time= 5.8s

[CV 1/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 1/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-82.039, test=-2708.959)
total time= 11.7s

[CV 4/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 4/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-70.731, test=-2880.798)
total time= 11.7s

[CV 2/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 2/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-3.043, test=-2706.786)
total time= 23.4s

[CV 5/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 5/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.628, test=-2990.929)
total time= 28.9s

[CV 2/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 2/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-550.610, test=-2579.256)
total time= 5.7s

[CV 5/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 5/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50;; score=(train=-524.906, test=-2951.709) total time= 5.8s
[CV 3/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 3/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-143.817, test=-3027.777) total time= 11.6s
[CV 1/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 1/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-13.819, test=-2681.737) total time= 23.1s
[CV 3/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 3/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-3.356, test=-3045.742) total time= 28.7s
[CV 1/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 1/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-1894.007, test=-2512.429) total time= 1.2s
[CV 2/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 2/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-1904.291, test=-2468.859) total time= 1.1s
[CV 4/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 4/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-1979.543, test=-2556.843) total time= 1.2s
[CV 1/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 1/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-1540.054, test=-2572.786) total time= 2.3s
[CV 3/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 3/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-1371.862, test=-2852.869) total time= 2.3s
[CV 1/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 1/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50;; score=(train=-746.826, test=-2683.481)
total time= 5.8s
[CV 4/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-708.441, test=-2691.152)
total time= 5.8s
[CV 2/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-296.768, test=-2667.111)
total time= 11.7s
[CV 5/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-226.335, test=-2933.591)
total time= 11.5s
[CV 1/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-13.536, test=-2755.014)
total time= 28.9s
[CV 4/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.111, test=-2777.348)
total time= 58.1s
[CV 2/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-6.285, test=-2750.413)
total time= 28.3s
[CV 5/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.026, test=-2950.816)
total time= 56.6s
[CV 4/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-7.513, test=-2743.140)
total time= 28.4s
[CV 3/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1732.505, test=-2787.769)
total time= 1.1s
[CV 5/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10
[CV 5/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1839.917, test=-2766.493)
total time= 1.2s
[CV 2/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-448.642, test=-2714.530)
total time= 18.9s
[CV 4/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-122.496, test=-2886.817)
total time= 38.0s
[CV 2/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-424.351, test=-2905.044)
total time= 19.0s
[CV 5/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-124.113, test=-2975.360)
total time= 38.0s
[CV 1/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.472, test=-2731.941)
total time= 29.0s
[CV 4/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2773.666)
total time= 57.6s
[CV 2/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.490, test=-2724.656)
total time= 29.2s
[CV 5/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3006.848)
total time= 57.9s
[CV 4/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

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[CV 4/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-4.320, test=-2753.389)
total time= 29.1s
[CV 3/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1846.283, test=-2768.339)
total time= 1.1s
[CV 5/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1890.806, test=-2786.354)
total time= 1.2s
[CV 2/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1491.976, test=-2526.810)
total time= 2.3s
[CV 5/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1284.287, test=-2847.557)
total time= 2.3s
[CV 3/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-543.003, test=-2993.792)
total time= 5.6s
[CV 5/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-654.207, test=-2913.550)
total time= 5.8s
[CV 3/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-179.918, test=-3047.545)
total time= 11.5s
[CV 1/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-33.173, test=-2737.264)
total time= 23.2s
[CV 4/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-12.156, test=-2763.583)
total time= 29.1s

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[CV 1/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1366.502, test=-2651.164)
total time= 2.3s
[CV 3/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1250.717, test=-2882.826)
total time= 2.2s
[CV 1/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-629.622, test=-2752.127)
total time= 5.7s
[CV 4/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-586.632, test=-2708.286)
total time= 5.7s
[CV 2/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-168.909, test=-2739.980)
total time= 11.4s
[CV 5/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-177.432, test=-2943.476)
total time= 11.4s
[CV 1/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-7.665, test=-2722.853)
total time= 28.6s
[CV 4/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.050, test=-2759.663)
total time= 56.5s
[CV 2/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-6.697, test=-2760.870)
total time= 28.0s
[CV 5/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500;; score=(train=-0.026, test=-2950.669)
total time= 56.0s
[CV 3/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-9.009, test=-3072.990)
total time= 29.1s
[CV 1/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1840.567, test=-2572.785)
total time= 1.1s
[CV 2/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1909.219, test=-2426.616)
total time= 1.1s
[CV 3/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1732.505, test=-2782.063)
total time= 1.1s
[CV 4/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1787.330, test=-2597.883)
total time= 1.1s
[CV 5/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1839.918, test=-2763.068)
total time= 1.1s
[CV 2/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1371.468, test=-2528.221)
total time= 2.2s
[CV 4/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1282.863, test=-2638.722)
total time= 2.2s
[CV 2/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-577.400, test=-2672.326)
total time= 5.6s
[CV 5/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=50
[CV 5/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-528.124, test=-2914.764)
total time= 5.5s
[CV 3/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-172.373, test=-3010.986)
total time= 11.2s
[CV 1/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-22.276, test=-2770.526)
total time= 22.5s
[CV 4/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-7.513, test=-2749.500)
total time= 28.2s
[CV 4/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1787.344, test=-2595.080)
total time= 1.1s
[CV 1/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1253.799, test=-2670.206)
total time= 2.2s
[CV 3/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1250.717, test=-2892.458)
total time= 2.2s
[CV 1/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-635.477, test=-2756.412)
total time= 5.7s
[CV 4/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-586.632, test=-2698.233)
total time= 5.6s
[CV 2/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-217.920, test=-2740.592)

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total time= 11.4s
[CV 5/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-177.432, test=-2943.290)
total time= 11.4s
[CV 1/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-9.936, test=-2776.229)
total time= 28.4s
[CV 4/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.043, test=-2748.891)
total time= 56.3s
[CV 2/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-6.285, test=-2752.381)
total time= 28.6s
[CV 5/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.022, test=-2953.925)
total time= 56.6s
[CV 3/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-13.353, test=-3063.499)
total time= 28.0s
[CV 1/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1928.825, test=-2520.269)
total time= 1.1s
[CV 2/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1958.754, test=-2471.096)
total time= 1.1s
[CV 3/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1876.878, test=-2831.702)
total time= 1.1s
[CV 5/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

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[CV 5/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1906.073, test=-2696.828)
total time= 1.1s

[CV 4/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.552, test=-2811.770)
total time= 23.1s

[CV 2/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 2/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2715.545)
total time= 57.3s

[CV 4/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 4/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-15.553, test=-2762.757)
total time= 23.0s

[CV 2/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.018, test=-2641.802)
total time= 57.3s

[CV 3/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 3/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-22.974, test=-3053.033)
total time= 22.9s

[CV 1/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.136, test=-2747.306)
total time= 57.4s

[CV 2/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 2/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-19.537, test=-2755.415)
total time= 22.4s

[CV 5/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 5/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-7.439, test=-2952.314)
total time= 28.1s

[CV 5/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 5/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1360.168, test=-2812.906)
total time= 2.2s

[CV 3/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 3/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-577.241, test=-2977.917)
total time= 5.6s

[CV 1/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 1/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-212.027, test=-2766.836)
total time= 11.3s

[CV 4/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 4/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-190.984, test=-2758.927)
total time= 11.2s

[CV 5/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 5/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-19.885, test=-2948.585)
total time= 22.5s

[CV 2/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 2/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.058, test=-2739.841)
total time= 56.3s

[CV 3/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 3/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-25.421, test=-3031.980)
total time= 22.5s

[CV 1/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 1/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.083, test=-2773.202)
total time= 57.0s

[CV 2/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 2/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-46.221, test=-2771.635)
total time= 22.6s

[CV 5/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 5/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-19.867, test=-2954.942)
total time= 28.1s

[CV 5/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 5/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1388.238, test=-2760.724)
total time= 2.2s

[CV 3/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 3/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-816.807, test=-2971.846)
total time= 5.5s

[CV 1/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 1/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-333.801, test=-2719.520)
total time= 11.1s

[CV 4/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 4/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-389.708, test=-2811.221)
total time= 11.2s

[CV 4/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 4/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-78.938, test=-2868.657)
total time= 22.0s

[CV 1/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 1/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-0.713, test=-2765.428)
total time= 54.9s

[CV 2/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 2/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-57.173, test=-2777.552)
total time= 21.9s

[CV 5/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 5/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-31.137, test=-2902.256)
total time= 27.8s

[CV 3/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 3/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-1449.734, test=-2875.945)
total time= 2.2s

[CV 1/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 1/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-738.305, test=-2675.324)
total time= 5.5s

[CV 4/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 4/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50;; score=(train=-857.142, test=-2777.925)
total time= 5.6s
[CV 2/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-42.416, test=-2697.757)
total time= 23.3s
[CV 5/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-12.550, test=-2944.637)
total time= 28.9s
[CV 5/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1409.411, test=-2810.338)
total time= 2.3s
[CV 3/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-577.241, test=-2975.822)
total time= 5.6s
[CV 1/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-195.211, test=-2749.725)
total time= 11.2s
[CV 4/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-194.284, test=-2728.729)
total time= 11.2s
[CV 4/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-22.605, test=-2733.633)
total time= 22.5s
[CV 2/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.050, test=-2734.564)
total time= 56.0s
[CV 2/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-16.887, test=-2757.787)
total time= 22.5s
[CV 5/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250;; score=(train=-7.439, test=-2957.743)
total time= 28.3s
[CV 3/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1242.056, test=-2854.460)
total time= 2.2s
[CV 1/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-629.622, test=-2755.122)
total time= 5.6s
[CV 4/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-586.632, test=-2700.253)
total time= 5.6s
[CV 2/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-204.897, test=-2738.982)
total time= 11.4s
[CV 5/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-198.451, test=-2918.620)
total time= 11.3s
[CV 1/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-8.622, test=-2802.466)
total time= 28.2s
[CV 4/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.030, test=-2815.489)
total time= 56.4s
[CV 2/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-21.017, test=-2758.912)
total time= 28.5s
[CV 5/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.181, test=-2894.593)
total time= 56.5s
[CV 4/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250
[CV 4/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-38.603, test=-2827.720)
total time= 28.2s
[CV 3/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1876.878, test=-2831.579)
total time= 1.0s
[CV 5/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1906.062, test=-2696.545)
total time= 1.1s
[CV 2/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1581.099, test=-2555.413)
total time= 2.3s
[CV 5/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1390.855, test=-2775.956)
total time= 2.2s
[CV 3/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-828.952, test=-2986.881)
total time= 5.6s
[CV 1/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-323.895, test=-2686.444)
total time= 11.2s
[CV 4/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-383.103, test=-2835.351)
total time= 11.4s
[CV 5/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-72.230, test=-2903.816)
total time= 22.6s
[CV 3/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.531, test=-3098.044)

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total time= 55.7s
[CV 2/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1581.099, test=-2550.557)
total time= 2.2s
[CV 4/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1550.450, test=-2671.919)
total time= 2.2s
[CV 2/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-858.476, test=-2669.412)
total time= 5.6s
[CV 5/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-757.820, test=-2833.268)
total time= 5.5s
[CV 3/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-369.350, test=-3134.255)
total time= 11.2s
[CV 1/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-58.373, test=-2737.198)
total time= 21.7s
[CV 3/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-25.659, test=-3099.668)
total time= 27.5s
[CV 1/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1928.780, test=-2517.687)
total time= 1.1s
[CV 2/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1958.754, test=-2464.283)
total time= 1.1s
[CV 4/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

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[CV 4/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1909.923, test=-2630.804)
total time= 1.1s

[CV 1/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 1/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1461.529, test=-2558.002)
total time= 2.2s

[CV 4/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 4/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1550.450, test=-2675.165)
total time= 2.2s

[CV 2/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 2/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-858.476, test=-2670.070)
total time= 5.6s

[CV 5/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 5/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-757.820, test=-2838.036)
total time= 5.5s

[CV 3/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 3/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-304.998, test=-3088.830)
total time= 11.0s

[CV 1/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 1/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-75.504, test=-2720.689)
total time= 22.2s

[CV 4/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 4/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-34.957, test=-2868.407)
total time= 27.9s

[CV 2/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 2/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1958.754, test=-2476.218)
total time= 1.1s

[CV 4/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 4/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1910.059, test=-2628.627)
total time= 1.1s

[CV 1/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 1/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-1511.195, test=-2575.641) total time= 2.2s
[CV 4/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 4/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-1550.450, test=-2673.136) total time= 2.2s
[CV 2/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 2/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-858.476, test=-2666.577) total time= 5.6s
[CV 5/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 5/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-757.820, test=-2840.332) total time= 5.5s
[CV 3/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 3/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-298.889, test=-3056.319) total time= 11.0s
[CV 1/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 1/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-58.373, test=-2729.318) total time= 22.0s
[CV 4/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 4/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-34.957, test=-2869.043) total time= 28.0s
[CV 4/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 4/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-1910.059, test=-2631.709) total time= 1.1s
[CV 1/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 1/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-1390.075, test=-2579.793) total time= 2.1s
[CV 4/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 3/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250;; score=(train=-5.879, test=-3043.174)
total time= 28.0s
[CV 1/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1928.957, test=-2509.504)
total time= 1.1s
[CV 2/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1984.327, test=-2433.033)
total time= 1.1s
[CV 3/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1771.013, test=-2829.972)
total time= 1.1s
[CV 4/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1942.414, test=-2586.032)
total time= 1.1s
[CV 1/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1557.239, test=-2598.583)
total time= 2.3s
[CV 4/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1481.168, test=-2621.869)
total time= 2.3s
[CV 2/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-761.391, test=-2664.041)
total time= 5.7s
[CV 5/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-765.594, test=-2871.589)
total time= 5.7s
[CV 3/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-223.220, test=-3044.532)
total time= 11.4s
[CV 1/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200
[CV 1/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-64.886, test=-2733.109)
total time= 22.9s
[CV 4/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-13.714, test=-2826.148)
total time= 27.9s
[CV 4/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1910.059, test=-2631.415)
total time= 1.1s
[CV 1/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1387.579, test=-2579.425)
total time= 2.2s
[CV 3/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1449.734, test=-2875.731)
total time= 2.2s
[CV 1/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-738.305, test=-2673.511)
total time= 5.5s
[CV 4/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-825.716, test=-2763.223)
total time= 5.6s
[CV 2/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-337.276, test=-2766.082)
total time= 11.1s
[CV 5/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-326.096, test=-2913.853)
total time= 11.2s
[CV 1/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-33.183, test=-2769.935)

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total time= 27.9s
[CV 4/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.859, test=-2873.631)
total time= 55.5s
[CV 2/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-24.461, test=-2789.468)
total time= 27.6s
[CV 5/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.971, test=-2942.252)
total time= 56.2s
[CV 3/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-29.805, test=-3129.218)
total time= 27.8s
[CV 1/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1931.314, test=-2521.103)
total time= 1.2s
[CV 2/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1958.754, test=-2475.431)
total time= 1.3s
[CV 3/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1876.856, test=-2832.666)
total time= 1.1s
[CV 5/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1906.072, test=-2696.742)
total time= 1.1s
[CV 2/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1581.099, test=-2549.209)
total time= 2.2s
[CV 4/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-254.385, test=-2746.903)

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total time= 11.6s
[CV 5/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-31.980, test=-2953.473)
total time= 23.6s
[CV 3/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.084, test=-3056.638)
total time= 57.8s
[CV 5/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-17.619, test=-2886.222)
total time= 22.7s
[CV 3/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.031, test=-3031.470)
total time= 55.8s
[CV 4/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-22.605, test=-2747.933)
total time= 22.6s
[CV 3/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.031, test=-3026.718)
total time= 55.8s
[CV 2/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-16.887, test=-2751.170)
total time= 22.2s
[CV 5/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-6.337, test=-2894.786)
total time= 28.1s
[CV 3/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1400.777, test=-2863.154)
total time= 2.2s
[CV 1/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

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[CV 1/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-830.139, test=-2653.764)
total time= 5.8s

[CV 4/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 4/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-855.108, test=-2764.299)
total time= 5.7s

[CV 2/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 2/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-310.778, test=-2724.163)
total time= 11.3s

[CV 5/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 5/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-299.881, test=-2908.148)
total time= 11.4s

[CV 1/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 1/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-20.933, test=-2701.947)
total time= 28.6s

[CV 4/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 4/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.305, test=-2791.867)
total time= 56.8s

[CV 2/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 2/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-24.461, test=-2808.492)
total time= 27.7s

[CV 5/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 5/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.650, test=-2944.555)
total time= 55.9s

[CV 3/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 3/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-29.805, test=-3127.525)
total time= 28.0s

[CV 1/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 1/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1928.780, test=-2518.721)
total time= 1.1s

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[CV 3/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1853.222, test=-2820.697)
total time= 1.1s
[CV 5/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1906.062, test=-2696.452)
total time= 1.1s
[CV 2/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1581.099, test=-2567.170)
total time= 2.2s
[CV 5/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1390.855, test=-2774.771)
total time= 2.2s
[CV 3/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-841.681, test=-3059.276)
total time= 5.7s
[CV 1/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-316.819, test=-2733.621)
total time= 11.2s
[CV 4/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-383.103, test=-2838.106)
total time= 11.4s
[CV 5/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-67.485, test=-2941.178)
total time= 22.2s
[CV 3/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.776, test=-3175.536)
total time= 55.7s
[CV 3/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3061.719)
total time= 57.6s

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[CV 5/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 5/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-8.284, test=-2972.698)
total time= 22.9s

[CV 3/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 3/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.009, test=-3051.499)
total time= 57.6s

[CV 4/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 4/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-34.976, test=-2773.659)
total time= 23.2s

[CV 2/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 2/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-0.095, test=-2767.549)
total time= 57.8s

[CV 3/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 3/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-16.112, test=-3029.475)
total time= 22.4s

[CV 1/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 1/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-0.076, test=-2772.019)
total time= 56.9s

[CV 3/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 3/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-18.079, test=-3031.805)
total time= 22.7s

[CV 1/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.097, test=-2841.471)
total time= 57.5s

[CV 4/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 4/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-22.605, test=-2741.283)
total time= 22.8s

[CV 2/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 2/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500;; score=(train=-0.050, test=-2767.256)
total time= 56.8s
[CV 3/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-32.750, test=-3066.798)
total time= 22.5s
[CV 1/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.325, test=-2684.720)
total time= 56.3s
[CV 2/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-57.173, test=-2781.678)
total time= 22.1s
[CV 5/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-25.854, test=-2923.042)
total time= 27.5s
[CV 3/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1449.734, test=-2875.701)
total time= 2.2s
[CV 1/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-811.270, test=-2643.057)
total time= 5.5s
[CV 4/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-857.142, test=-2776.406)
total time= 5.6s
[CV 2/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-337.276, test=-2760.890)
total time= 11.1s
[CV 5/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-317.530, test=-2882.661)
total time= 11.1s
[CV 1/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 1/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-25.497, test=-2735.707)
total time= 27.5s
[CV 4/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.859, test=-2869.470)
total time= 55.5s
[CV 2/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-24.461, test=-2790.417)
total time= 27.5s
[CV 5/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.971, test=-2935.941)
total time= 55.8s
[CV 3/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-25.659, test=-3098.894)
total time= 27.6s
[CV 1/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1949.014, test=-2511.524)
total time= 1.0s
[CV 2/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1991.204, test=-2459.510)
total time= 1.1s
[CV 3/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1947.934, test=-2802.257)
total time= 1.1s
[CV 5/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1909.291, test=-2705.306)
total time= 1.1s
[CV 1/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1840.601, test=-2573.100)

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total time= 1.1s
[CV 2/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1909.219, test=-2422.766)
total time= 1.1s
[CV 4/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1787.330, test=-2601.091)
total time= 1.1s
[CV 1/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1350.423, test=-2660.485)
total time= 2.2s
[CV 4/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1266.369, test=-2632.430)
total time= 2.2s
[CV 2/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-577.400, test=-2662.574)
total time= 5.6s
[CV 5/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-528.124, test=-2914.316)
total time= 5.6s
[CV 3/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-169.716, test=-3029.102)
total time= 11.3s
[CV 1/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-22.276, test=-2765.997)
total time= 22.7s
[CV 4/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-7.005, test=-2744.994)
total time= 28.3s
[CV 5/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

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[CV 5/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1806.221, test=-2783.084)
total time= 1.1s

[CV 2/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 2/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1535.456, test=-2538.281)
total time= 2.3s

[CV 5/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 5/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1440.198, test=-2795.750)
total time= 2.3s

[CV 3/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 3/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-724.931, test=-2974.726)
total time= 5.7s

[CV 1/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 1/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-313.616, test=-2741.049)
total time= 11.5s

[CV 4/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 4/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-293.602, test=-2769.685)
total time= 11.3s

[CV 4/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 4/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-38.749, test=-2795.790)
total time= 22.4s

[CV 2/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 2/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.291, test=-2771.018)
total time= 56.3s

[CV 3/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 3/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-65.562, test=-3097.088)
total time= 22.3s

[CV 2/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 2/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.643, test=-2796.725)
total time= 55.1s

[CV 3/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 3/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-65.562, test=-3089.651)
total time= 22.3s

[CV 2/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 2/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.643, test=-2800.043)
total time= 55.4s

[CV 3/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 3/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-63.035, test=-3127.863)
total time= 22.3s

[CV 1/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 1/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.904, test=-2751.302)
total time= 55.9s

[CV 2/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 2/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-57.173, test=-2804.764)
total time= 22.2s

[CV 5/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 5/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-29.222, test=-2939.135)
total time= 27.9s

[CV 3/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 3/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1550.608, test=-2845.266)
total time= 2.2s

[CV 1/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 1/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-853.953, test=-2650.020)
total time= 5.4s

[CV 4/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 2/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-1371.468, test=-2548.151)
total time= 2.3s

[CV 5/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 5/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,


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min_samples_split=10, n_estimators=20;; score=(train=-1360.168, test=-2812.725)
total time= 2.3s
[CV 3/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-577.241, test=-2968.008)
total time= 5.7s
[CV 1/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-212.027, test=-2777.178)
total time= 11.6s
[CV 4/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-194.284, test=-2730.420)
total time= 11.5s
[CV 5/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-20.153, test=-2947.416)
total time= 22.8s
[CV 3/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.053, test=-3027.941)
total time= 56.9s
[CV 5/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-44.919, test=-2940.413)
total time= 22.6s
[CV 3/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.176, test=-3068.487)
total time= 55.9s
[CV 5/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-72.230, test=-2910.709)
total time= 22.3s
[CV 3/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.531, test=-3099.289)
total time= 54.6s
[CV 4/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 4/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-78.938, test=-2870.099)
total time= 22.3s
[CV 1/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.904, test=-2743.631)
total time= 55.3s
[CV 2/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-57.173, test=-2793.140)
total time= 22.2s
[CV 5/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-29.648, test=-2904.209)
total time= 28.1s
[CV 3/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1472.220, test=-2884.976)
total time= 2.2s
[CV 1/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-712.771, test=-2685.594)
total time= 5.5s
[CV 4/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-857.142, test=-2780.611)
total time= 5.7s
[CV 2/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-337.276, test=-2759.441)
total time= 11.3s
[CV 5/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-326.096, test=-2917.611)
total time= 11.3s
[CV 1/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-25.497, test=-2731.045)

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total time= 27.5s
[CV 4/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.859, test=-2874.930)
total time= 55.9s
[CV 2/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-54.076, test=-2783.253)
total time= 27.5s
[CV 5/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1.727, test=-3025.379)
total time= 54.2s
[CV 3/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-54.666, test=-3071.685)
total time= 27.3s
[CV 1/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1949.014, test=-2511.936)
total time= 1.0s
[CV 2/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1991.202, test=-2458.734)
total time= 1.1s
[CV 3/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1947.934, test=-2797.555)
total time= 1.1s
[CV 5/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-337.276, test=-2752.532)
total time= 11.1s
[CV 5/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-309.835, test=-2884.793)
total time= 11.0s

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[CV 1/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250

[CV 1/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-25.497, test=-2735.739) total time= 27.5s

[CV 4/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500

[CV 4/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.859, test=-2878.046) total time= 55.4s

[CV 2/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250

[CV 2/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-24.461, test=-2784.025) total time= 27.6s

[CV 5/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500

[CV 5/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-0.630, test=-2947.343) total time= 55.5s

[CV 3/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250

[CV 3/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-54.666, test=-3073.378) total time= 27.5s

[CV 1/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10

[CV 1/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-1949.014, test=-2519.008) total time= 1.0s

[CV 2/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10

[CV 2/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-1991.202, test=-2452.372) total time= 1.1s

[CV 3/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10

[CV 3/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-1947.934, test=-2800.755) total time= 1.1s

[CV 5/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10

[CV 5/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-1909.291, test=-2705.975) total time= 1.1s

[CV 2/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20

[CV 2/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20;; score=(train=-1632.064, test=-2523.410)
total time= 2.2s
[CV 4/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1615.802, test=-2678.821)
total time= 2.2s
[CV 2/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-905.771, test=-2683.815)
total time= 5.5s
[CV 5/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-871.906, test=-2921.470)
total time= 5.5s
[CV 3/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-420.881, test=-3026.733)
total time= 11.0s
[CV 1/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-123.282, test=-2691.601)
total time= 22.4s
[CV 4/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-63.156, test=-2846.964)
total time= 27.4s
[CV 4/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1998.077, test=-2643.700)
total time= 1.1s
[CV 1/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1557.512, test=-2545.652)
total time= 2.1s
[CV 3/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1550.608, test=-2843.120)
total time= 2.1s
[CV 1/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50
[CV 1/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-853.953, test=-2652.380)
total time= 5.4s
[CV 4/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-976.884, test=-2728.088)
total time= 5.5s
[CV 2/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-469.711, test=-2733.000)
total time= 11.1s
[CV 5/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-407.162, test=-2984.158)
total time= 11.0s
[CV 1/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-71.747, test=-2697.232)
total time= 27.7s
[CV 4/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-2.913, test=-2842.682)
total time= 54.7s
[CV 2/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-54.076, test=-2781.346)
total time= 27.4s
[CV 4/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1550.450, test=-2669.846)
total time= 2.2s
[CV 2/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-858.476, test=-2679.092)
total time= 5.6s
[CV 5/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-743.672, test=-2842.249)
total time= 5.5s
[CV 3/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100
[CV 3/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-298.889, test=-3056.181)
total time= 11.1s
[CV 1/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-75.504, test=-2717.623)
total time= 22.3s
[CV 4/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-34.957, test=-2875.994)
total time= 28.0s
[CV 4/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1998.077, test=-2644.008)
total time= 1.1s
[CV 1/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1557.512, test=-2548.969)
total time= 2.2s
[CV 4/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1615.802, test=-2677.182)
total time= 2.2s
[CV 2/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-905.771, test=-2695.319)
total time= 5.5s
[CV 5/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-871.906, test=-2921.377)
total time= 5.6s
[CV 3/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-420.881, test=-3023.580)
total time= 11.0s
[CV 1/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-123.282, test=-2696.992)

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total time= 22.4s
[CV 4/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-60.258, test=-2839.158)
total time= 27.5s
[CV 4/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1998.077, test=-2643.583)
total time= 1.1s
[CV 1/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1557.512, test=-2544.031)
total time= 2.1s
[CV 3/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1550.608, test=-2845.322)
total time= 2.2s
[CV 1/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-853.953, test=-2657.174)
total time= 5.4s
[CV 4/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-976.879, test=-2728.428)
total time= 5.5s
[CV 2/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-443.558, test=-2772.803)
total time= 11.1s
[CV 5/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-407.162, test=-2983.323)
total time= 11.1s
[CV 1/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-71.747, test=-2692.096)
total time= 27.9s
[CV 4/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

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[CV 4/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-2.913, test=-2849.278)
total time= 54.9s

[CV 2/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 2/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-54.076, test=-2789.653)
total time= 27.2s

[CV 5/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 5/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.727, test=-3018.497)
total time= 54.1s

[CV 3/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 3/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-54.666, test=-3068.046)
total time= 27.4s

[CV 1/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 1/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2266.473, test=-2488.270)
total time= 0.5s

[CV 2/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 2/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2321.598, test=-2407.194)
total time= 0.5s

[CV 3/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 5/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1909.291, test=-2706.445)
total time= 1.1s

[CV 2/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 2/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1632.064, test=-2535.551)
total time= 2.2s

[CV 4/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 4/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1615.802, test=-2676.593)
total time= 2.3s

[CV 2/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 2/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-986.247, test=-2690.116)
total time= 5.5s

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[CV 5/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-871.906, test=-2924.524)
total time= 5.5s
[CV 3/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-420.881, test=-3032.451)
total time= 11.0s
[CV 1/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-123.282, test=-2696.917)
total time= 22.2s
[CV 4/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-60.258, test=-2841.148)
total time= 27.3s
[CV 4/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1998.077, test=-2643.633)
total time= 1.1s
[CV 1/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1557.512, test=-2552.368)
total time= 2.1s
[CV 4/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1615.802, test=-2675.421)
total time= 2.2s
[CV 2/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-986.247, test=-2674.849)
total time= 5.5s
[CV 5/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-871.906, test=-2919.039)
total time= 5.5s
[CV 3/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100;; score=(train=-420.881, test=-3026.218)
total time= 11.0s
[CV 1/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-123.282, test=-2691.239)
total time= 22.2s
[CV 4/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-60.258, test=-2845.998)
total time= 27.3s
[CV 1/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2055.993, test=-2534.966)
total time= 1.0s
[CV 3/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2013.719, test=-2870.143)
total time= 1.0s
[CV 5/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2024.592, test=-2803.687)
total time= 1.0s
[CV 2/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1653.280, test=-2671.329)
total time= 2.5s
[CV 5/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1568.856, test=-2909.159)
total time= 2.5s
[CV 3/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1120.341, test=-3094.716)
total time= 4.9s
[CV 1/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-639.087, test=-2850.525)
total time= 9.8s
[CV 4/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200
[CV 4/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-639.670, test=-3004.249)
total time= 9.8s
[CV 4/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-466.192, test=-3021.313)
total time= 12.2s
[CV 1/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2271.827, test=-2488.270)
total time= 0.5s
[CV 3/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2273.868, test=-2767.504)
total time= 0.5s
[CV 5/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2221.011, test=-2772.825)
total time= 0.5s
[CV 2/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2087.220, test=-2454.053)
total time= 1.0s
[CV 4/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-976.884, test=-2728.309)
total time= 5.3s
[CV 2/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-469.711, test=-2722.627)
total time= 11.1s
[CV 5/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-407.162, test=-2983.488)
total time= 11.1s
[CV 1/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-71.747, test=-2689.504)
total time= 28.0s
[CV 4/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500
[CV 4/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-3.061, test=-2853.471)
total time= 55.0s
[CV 2/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-54.076, test=-2788.647)
total time= 27.4s
[CV 5/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.727, test=-3022.991)
total time= 54.7s
[CV 3/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-54.666, test=-3072.902)
total time= 27.5s
[CV 1/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1949.014, test=-2509.996)
total time= 1.0s
[CV 2/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1991.202, test=-2456.680)
total time= 1.1s
[CV 3/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1947.934, test=-2801.550)
total time= 1.1s
[CV 5/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1909.291, test=-2705.195)
total time= 1.1s
[CV 2/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1632.064, test=-2538.260)
total time= 2.2s
[CV 5/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1516.552, test=-2807.155)

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total time= 2.2s
[CV 3/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-924.071, test=-2938.825)
total time= 5.5s
[CV 1/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-405.562, test=-2681.250)
total time= 11.0s
[CV 4/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-451.734, test=-2819.244)
total time= 11.0s
[CV 5/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-105.309, test=-3019.554)
total time= 21.9s
[CV 3/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1.847, test=-3073.872)
total time= 54.7s
[CV 5/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-446.636, test=-3024.222)
total time= 12.2s
[CV 2/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2322.245, test=-2410.876)
total time= 0.5s
[CV 4/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2297.647, test=-2594.253)
total time= 0.5s
[CV 1/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2044.279, test=-2520.817)
total time= 1.0s
[CV 3/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

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[CV 3/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2035.512, test=-2834.560)
total time= 1.0s
[CV 1/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1593.501, test=-2635.843)
total time= 2.4s
[CV 4/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1695.004, test=-2817.918)
total time= 2.5s
[CV 2/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1214.960, test=-2767.790)
total time= 4.9s
[CV 5/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1113.742, test=-2979.899)
total time= 4.9s
[CV 5/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1632.064, test=-2536.904)
total time= 2.2s
[CV 5/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1516.552, test=-2806.109)
total time= 2.2s
[CV 3/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-924.071, test=-2944.124)
total time= 5.5s
[CV 1/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-405.562, test=-2681.925)
total time= 10.9s
[CV 4/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100;; score=(train=-451.734, test=-2817.836)
total time= 10.9s
[CV 4/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-120.734, test=-2840.977)
total time= 22.0s
[CV 1/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-2.514, test=-2696.250)
total time= 54.6s
[CV 3/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-104.829, test=-3070.150)
total time= 22.0s
[CV 5/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-49.243, test=-3029.026)
total time= 27.6s
[CV 5/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1516.552, test=-2804.217)
total time= 2.3s
[CV 3/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-924.071, test=-2939.365)
total time= 5.5s
[CV 1/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-437.167, test=-2728.837)
total time= 10.8s
[CV 4/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-451.734, test=-2818.175)
total time= 10.9s
[CV 5/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-105.309, test=-3024.933)
total time= 22.2s
[CV 3/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 3/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.847, test=-3076.790)
total time= 54.4s
[CV 4/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-119.137, test=-2845.995)
total time= 22.0s
[CV 2/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-2.132, test=-2781.533)
total time= 54.5s
[CV 3/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-444.562, test=-3196.096)
total time= 12.2s
[CV 4/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-123.288, test=-3034.949)
total time= 24.3s
[CV 3/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-486.423, test=-3252.468)
total time= 12.2s
[CV 1/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2293.243, test=-2477.535)
total time= 0.5s
[CV 2/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2322.733, test=-2412.841)
total time= 0.5s
[CV 5/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2214.718, test=-2775.083)
total time= 0.5s
[CV 3/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2095.518, test=-2857.794)

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total time= 1.1s
[CV 1/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1660.526, test=-2612.859)
total time= 2.4s
[CV 4/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1685.024, test=-2807.811)
total time= 2.4s
[CV 2/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1227.169, test=-2809.261)
total time= 4.9s
[CV 5/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1223.599, test=-2896.592)
total time= 4.9s
[CV 5/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1390.855, test=-2775.613)
total time= 2.2s
[CV 3/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-841.681, test=-3057.651)
total time= 5.6s
[CV 1/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-321.203, test=-2724.432)
total time= 11.1s
[CV 4/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-389.708, test=-2810.018)
total time= 11.1s
[CV 4/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-78.938, test=-2865.871)
total time= 22.3s
[CV 2/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

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[CV 2/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.643, test=-2790.092)
total time= 55.1s

[CV 3/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-104.829, test=-3065.541)
total time= 22.1s

[CV 2/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 2/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-2.132, test=-2785.935)
total time= 54.5s

[CV 2/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-120.133, test=-2772.031)
total time= 22.3s

[CV 1/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 1/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-2.514, test=-2692.296)
total time= 55.1s

[CV 2/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 2/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-120.133, test=-2766.977)
total time= 22.0s

[CV 5/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 5/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-49.243, test=-3022.337)
total time= 27.4s

[CV 3/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 3/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1550.608, test=-2847.742)
total time= 2.1s

[CV 1/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 1/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-853.953, test=-2656.847)
total time= 5.5s

[CV 4/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 4/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-976.879, test=-2727.026)
total time= 5.5s

[CV 2/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 2/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-469.711, test=-2728.559) total time= 11.1s
[CV 5/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 5/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-407.162, test=-2982.844) total time= 11.0s
[CV 1/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 1/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-71.747, test=-2692.796) total time= 27.9s
[CV 4/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 4/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-3.061, test=-2853.611) total time= 55.2s
[CV 5/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 5/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-118.696, test=-3066.555) total time= 24.4s
[CV 4/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 4/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-511.343, test=-3066.618) total time= 12.3s
[CV 3/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10
[CV 3/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10;; score=(train=-2252.699, test=-2807.917) total time= 0.5s
[CV 1/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 1/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-2086.181, test=-2526.569) total time= 0.9s
[CV 4/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 4/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-2150.230, test=-2649.399) total time= 0.9s
[CV 2/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 2/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50;; score=(train=-1734.516, test=-2615.973)
total time= 2.5s
[CV 5/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1625.823, test=-2840.575)
total time= 2.5s
[CV 3/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1257.653, test=-3103.481)
total time= 4.9s
[CV 1/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-676.962, test=-2848.124)
total time= 9.8s
[CV 4/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-78.938, test=-2870.352)
total time= 22.4s
[CV 2/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.643, test=-2791.902)
total time= 55.4s
[CV 3/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-63.035, test=-3128.670)
total time= 22.2s
[CV 1/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.831, test=-2755.801)
total time= 55.3s
[CV 2/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-120.133, test=-2776.192)
total time= 22.1s
[CV 5/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-49.243, test=-3021.461)
total time= 27.4s
[CV 5/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20
[CV 5/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1516.552, test=-2812.058)
total time= 2.2s
[CV 3/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-924.071, test=-2938.054)
total time= 5.5s
[CV 1/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-405.562, test=-2683.573)
total time= 11.0s
[CV 4/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-451.734, test=-2825.854)
total time= 11.0s
[CV 5/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-105.309, test=-3008.596)
total time= 22.2s
[CV 3/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.847, test=-3078.287)
total time= 54.7s
[CV 4/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-119.137, test=-2843.600)
total time= 22.0s
[CV 2/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-2.132, test=-2793.942)
total time= 54.5s
[CV 3/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-104.829, test=-3066.789)
total time= 21.9s
[CV 1/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-2.514, test=-2699.746)

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total time= 54.5s
[CV 2/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-467.673, test=-2982.063)
total time= 12.1s
[CV 3/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-105.784, test=-3249.929)
total time= 24.3s
[CV 1/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-463.150, test=-3052.722)
total time= 12.1s
[CV 4/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-131.443, test=-3095.405)
total time= 24.3s
[CV 3/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-532.788, test=-3253.586)
total time= 12.2s
[CV 1/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2281.289, test=-2435.150)
total time= 0.5s
[CV 4/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2316.610, test=-2590.287)
total time= 0.5s
[CV 2/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2119.128, test=-2553.054)
total time= 1.0s
[CV 5/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2039.467, test=-2840.206)
total time= 1.0s
[CV 3/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 3/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1675.084, test=-3019.617)
total time= 2.5s
[CV 5/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1662.967, test=-2919.188)
total time= 2.5s
[CV 3/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1223.111, test=-3173.459)
total time= 4.9s
[CV 1/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-56.981, test=-2920.019)
total time= 22.1s
[CV 3/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.556, test=-3101.962)
total time= 55.2s
[CV 5/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-105.309, test=-3014.762)
total time= 22.0s
[CV 3/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1.847, test=-3073.745)
total time= 54.7s
[CV 4/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-119.137, test=-2842.954)
total time= 22.2s
[CV 2/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-2.514, test=-2836.790)
total time= 54.9s
[CV 3/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200;; score=(train=-104.829, test=-3064.027)
total time= 21.8s
[CV 1/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-2.463, test=-2756.527)
total time= 54.7s
[CV 2/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-120.133, test=-2760.928)
total time= 22.1s
[CV 5/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-49.243, test=-3015.656)
total time= 27.5s
[CV 3/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1562.188, test=-2997.022)
total time= 2.5s
[CV 1/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1140.669, test=-2742.808)
total time= 4.9s
[CV 4/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1175.637, test=-2893.230)
total time= 4.9s
[CV 2/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-623.916, test=-2915.837)
total time= 9.8s
[CV 5/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-591.579, test=-3017.457)
total time= 9.8s
[CV 1/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-125.326, test=-2948.296)
total time= 24.3s
[CV 2/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200
[CV 2/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-657.916, test=-2863.243)
total time= 9.7s
[CV 5/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-454.263, test=-3070.194)
total time= 12.2s
[CV 4/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2316.610, test=-2590.287)
total time= 0.5s
[CV 2/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2123.565, test=-2474.692)
total time= 1.1s
[CV 5/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2032.965, test=-2818.687)
total time= 1.0s
[CV 3/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1704.321, test=-2996.452)
total time= 2.5s
[CV 1/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1220.634, test=-2685.944)
total time= 4.9s
[CV 4/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1271.359, test=-2891.027)
total time= 4.9s
[CV 3/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-701.963, test=-3219.970)
total time= 9.8s
[CV 1/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-143.436, test=-2960.365)

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total time= 24.5s
[CV 3/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-731.101, test=-3283.967)
total time= 9.8s
[CV 1/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-201.448, test=-2916.420)
total time= 24.4s
[CV 2/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2271.961, test=-2764.847)
total time= 0.5s
[CV 4/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2286.835, test=-2619.749)
total time= 0.5s
[CV 5/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2221.011, test=-2772.825)
total time= 0.5s
[CV 2/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2091.232, test=-2478.822)
total time= 1.0s
[CV 4/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2048.893, test=-2661.840)
total time= 1.0s
[CV 1/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1629.533, test=-2621.003)
total time= 2.4s
[CV 4/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1623.804, test=-2807.804)
total time= 2.4s
[CV 2/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

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[CV 2/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1173.117, test=-2807.479)
total time= 4.9s
[CV 5/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1116.405, test=-2980.446)
total time= 4.9s
[CV 3/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-612.746, test=-3143.028)
total time= 9.8s
[CV 1/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-487.942, test=-2858.911)
total time= 12.1s
[CV 2/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-121.103, test=-3018.465)
total time= 24.1s
[CV 4/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-660.346, test=-3024.909)
total time= 9.7s
[CV 2/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-130.138, test=-2986.718)
total time= 24.1s
[CV 4/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-693.634, test=-3048.291)
total time= 9.7s
[CV 2/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-155.831, test=-2985.049)
total time= 24.3s
[CV 2/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-752.611, test=-2937.611)
total time= 9.8s

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[CV 5/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-582.189, test=-3129.249)
total time= 12.2s
[CV 1/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2076.776, test=-2469.234)
total time= 1.0s
[CV 4/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2099.285, test=-2634.578)
total time= 1.0s
[CV 2/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1736.351, test=-2637.954)
total time= 2.4s
[CV 5/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1634.606, test=-2811.249)
total time= 2.4s
[CV 3/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1226.685, test=-3140.666)
total time= 4.9s
[CV 1/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-758.296, test=-2851.868)
total time= 9.8s
[CV 4/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-560.613, test=-3006.104)
total time= 12.1s
[CV 2/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2116.867, test=-2477.405)
total time= 1.0s
[CV 5/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20;; score=(train=-2052.498, test=-2720.700)
total time= 1.0s
[CV 3/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1680.392, test=-3034.927)
total time= 2.4s
[CV 1/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1237.802, test=-2713.959)
total time= 4.9s
[CV 5/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1.727, test=-3020.056)
total time= 54.0s
[CV 5/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2029.509, test=-2800.392)
total time= 1.0s
[CV 3/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1637.052, test=-2988.125)
total time= 2.5s
[CV 1/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1176.121, test=-2835.123)
total time= 4.9s
[CV 4/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1206.273, test=-2943.922)
total time= 4.9s
[CV 3/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-636.639, test=-3234.231)
total time= 9.7s
[CV 1/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-120.806, test=-3075.355)
total time= 24.2s
[CV 2/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200
[CV 2/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-687.725, test=-2894.997)
total time= 9.7s
[CV 4/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-536.568, test=-3068.602)
total time= 12.2s
[CV 2/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2359.869, test=-2406.965)
total time= 0.5s
[CV 5/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2223.798, test=-2759.476)
total time= 0.5s
[CV 3/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2070.810, test=-2884.416)
total time= 1.0s
[CV 1/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1705.196, test=-2579.761)
total time= 2.5s
[CV 4/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1704.356, test=-2749.359)
total time= 2.5s
[CV 2/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1292.843, test=-2817.880)
total time= 4.9s
[CV 5/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1279.159, test=-3045.829)
total time= 4.9s
[CV 1/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-606.299, test=-2880.930)

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total time= 12.1s
[CV 4/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-215.482, test=-3017.714)
total time= 24.2s
[CV 2/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-601.219, test=-2921.911)
total time= 12.0s
[CV 5/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-193.599, test=-3096.420)
total time= 24.1s
[CV 3/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-547.520, test=-3308.313)
total time= 12.1s
[CV 1/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2303.812, test=-2467.084)
total time= 0.5s
[CV 2/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2343.090, test=-2411.374)
total time= 0.5s
[CV 3/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2238.044, test=-2804.006)
total time= 0.5s
[CV 4/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2310.068, test=-2576.356)
total time= 0.5s
[CV 1/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2076.776, test=-2469.438)
total time= 1.0s
[CV 3/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

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[CV 3/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2067.902, test=-2895.705)
total time= 1.0s
[CV 1/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1692.830, test=-2541.244)
total time= 2.4s
[CV 4/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-511.944, test=-2924.416)
total time= 12.2s
[CV 4/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-161.792, test=-3100.753)
total time= 24.6s
[CV 2/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-597.033, test=-2961.492)
total time= 12.2s
[CV 5/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-197.336, test=-3206.102)
total time= 24.2s
[CV 3/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-547.520, test=-3310.780)
total time= 12.1s
[CV 1/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2303.812, test=-2469.139)
total time= 0.5s
[CV 2/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2343.090, test=-2411.374)
total time= 0.5s
[CV 3/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=10;; score=(train=-2238.044, test=-2804.836)
total time= 0.5s
[CV 4/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2310.068, test=-2576.356)
total time= 0.5s
[CV 5/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2258.150, test=-2729.818)
total time= 0.5s
[CV 1/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2076.776, test=-2473.074)
total time= 1.0s
[CV 3/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2067.902, test=-2899.149)
total time= 1.0s
[CV 1/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1692.830, test=-2548.015)
total time= 2.5s
[CV 4/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1688.033, test=-2726.686)
total time= 2.4s
[CV 2/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1257.747, test=-2729.275)
total time= 4.8s
[CV 5/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1240.137, test=-2914.955)
total time= 4.9s
[CV 1/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-612.034, test=-2898.696)
total time= 12.2s
[CV 4/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500
[CV 4/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-201.254, test=-3055.995)
total time= 24.3s
[CV 2/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-601.219, test=-2917.663)
total time= 12.1s
[CV 5/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-193.599, test=-3082.881)
total time= 24.3s
[CV 3/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-606.149, test=-3237.137)
total time= 12.1s
[CV 1/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2326.159, test=-2446.428)
total time= 0.5s
[CV 2/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2373.100, test=-2383.813)
total time= 0.5s
[CV 3/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2260.922, test=-2782.912)
total time= 0.5s
[CV 5/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2237.235, test=-2731.124)
total time= 0.5s
[CV 2/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2201.192, test=-2455.456)
total time= 1.0s
[CV 5/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2049.409, test=-2747.997)

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total time= 1.0s
[CV 3/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1706.251, test=-2998.980)
total time= 2.5s
[CV 1/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2094.656, test=-2680.819)
total time= 1.0s
[CV 2/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1638.197, test=-2629.602)
total time= 2.5s
[CV 5/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1580.394, test=-2911.002)
total time= 2.5s
[CV 3/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1199.639, test=-3151.083)
total time= 5.0s
[CV 1/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-618.058, test=-3022.722)
total time= 9.8s
[CV 2/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-482.795, test=-2907.682)
total time= 12.2s
[CV 5/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-113.962, test=-3104.732)
total time= 24.1s
[CV 5/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-543.190, test=-3078.277)
total time= 12.1s

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[CV 3/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2256.296, test=-2807.054)
total time= 0.5s
[CV 1/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2102.286, test=-2448.276)
total time= 1.0s
[CV 4/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2151.844, test=-2645.650)
total time= 1.0s
[CV 2/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1729.446, test=-2716.946)
total time= 2.5s
[CV 1/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1296.256, test=-2727.402)
total time= 5.1s
[CV 4/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1271.731, test=-2825.017)
total time= 4.9s
[CV 5/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-765.961, test=-3092.845)
total time= 9.7s
[CV 3/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-169.973, test=-3418.999)
total time= 24.1s
[CV 3/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-715.874, test=-3280.091)
total time= 9.6s
[CV 1/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500;; score=(train=-200.653, test=-2981.867)
total time= 24.3s
[CV 2/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-752.484, test=-2878.108)
total time= 9.7s
[CV 5/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-566.798, test=-3021.960)
total time= 12.0s
[CV 5/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2052.498, test=-2722.449)
total time= 1.0s
[CV 3/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1680.392, test=-3041.604)
total time= 2.4s
[CV 1/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1237.802, test=-2703.392)
total time= 4.8s
[CV 4/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1237.536, test=-2878.775)
total time= 4.9s
[CV 4/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-706.105, test=-2993.024)
total time= 9.7s
[CV 2/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-197.809, test=-2993.407)
total time= 24.2s
[CV 3/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-759.340, test=-3197.972)
total time= 9.7s
[CV 1/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500
[CV 1/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-224.363, test=-2932.640)
total time= 24.2s
[CV 2/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-766.728, test=-2886.655)
total time= 9.8s
[CV 3/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-573.688, test=-3330.717)
total time= 12.2s
[CV 1/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2303.812, test=-2469.139)
total time= 0.5s
[CV 2/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2343.090, test=-2412.097)
total time= 0.5s
[CV 4/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2310.068, test=-2576.356)
total time= 0.5s
[CV 2/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2116.867, test=-2474.902)
total time= 1.0s
[CV 5/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2052.498, test=-2730.006)
total time= 1.0s
[CV 3/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1680.392, test=-3023.502)
total time= 2.5s
[CV 1/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1237.802, test=-2706.195)

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total time= 4.9s
[CV 4/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1237.536, test=-2875.124)
total time= 4.6s
[CV 5/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-736.852, test=-3001.998)
total time= 9.7s
[CV 3/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-185.048, test=-3378.918)
total time= 24.1s
[CV 4/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-706.105, test=-2981.863)
total time= 9.7s
[CV 2/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-197.809, test=-2999.126)
total time= 24.3s
[CV 3/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-715.874, test=-3270.421)
total time= 9.7s
[CV 1/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-200.653, test=-2979.466)
total time= 24.2s
[CV 2/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-800.522, test=-2899.194)
total time= 9.7s
[CV 5/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-629.985, test=-3078.845)
total time= 12.1s
[CV 3/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 3/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2082.528, test=-2852.451)
total time= 1.0s
[CV 1/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1718.267, test=-2603.679)
total time= 2.4s
[CV 4/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1738.809, test=-2713.864)
total time= 2.4s
[CV 2/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1377.656, test=-2703.416)
total time= 4.8s
[CV 1/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-824.128, test=-2915.146)
total time= 9.7s
[CV 4/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-745.541, test=-2982.778)
total time= 12.2s
[CV 4/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2312.473, test=-2624.216)
total time= 0.5s
[CV 1/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2133.895, test=-2480.590)
total time= 1.0s
[CV 4/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2136.583, test=-2690.080)
total time= 1.0s
[CV 2/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1815.190, test=-2619.550)
total time= 2.5s

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[CV 5/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1657.978, test=-2839.815)
total time= 2.5s
[CV 5/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-622.093, test=-3032.462)
total time= 9.8s
[CV 3/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-126.341, test=-3256.390)
total time= 24.3s
[CV 5/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-694.467, test=-3046.336)
total time= 9.8s
[CV 3/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-155.343, test=-3269.898)
total time= 24.5s
[CV 4/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-784.813, test=-2996.272)
total time= 9.8s
[CV 2/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-188.085, test=-3022.366)
total time= 24.2s
[CV 4/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-706.105, test=-2979.325)
total time= 9.7s
[CV 2/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-197.809, test=-2986.739)
total time= 24.3s
[CV 3/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-715.874, test=-3269.171)
total time= 9.7s

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[CV 1/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-200.653, test=-2977.925)
total time= 24.2s
[CV 2/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-752.484, test=-2868.476)
total time= 9.6s
[CV 5/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-566.798, test=-3031.928)
total time= 12.1s
[CV 2/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2144.286, test=-2467.859)
total time= 1.0s
[CV 5/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2071.414, test=-2753.917)
total time= 1.0s
[CV 3/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1656.464, test=-2981.238)
total time= 2.4s
[CV 5/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1714.039, test=-2875.191)
total time= 2.4s
[CV 3/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1236.648, test=-3092.243)
total time= 4.8s
[CV 1/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-809.987, test=-2823.300)
total time= 9.6s
[CV 4/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250;; score=(train=-642.526, test=-3032.885)
total time= 12.1s
[CV 4/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2312.473, test=-2624.216)
total time= 0.5s
[CV 1/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2133.895, test=-2480.811)
total time= 1.0s
[CV 4/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2136.583, test=-2688.138)
total time= 1.0s
[CV 2/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1815.190, test=-2613.824)
total time= 2.4s
[CV 5/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1657.978, test=-2842.311)
total time= 2.4s
[CV 3/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1264.528, test=-3043.261)
total time= 4.8s
[CV 5/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1319.350, test=-2952.671)
total time= 4.8s
[CV 1/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-677.799, test=-2962.755)
total time= 12.0s
[CV 4/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-297.785, test=-3094.083)
total time= 24.0s
[CV 2/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 2/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-695.236, test=-2853.787)
total time= 12.0s
[CV 2/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-532.429, test=-2922.219)
total time= 12.2s
[CV 5/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-156.227, test=-3104.116)
total time= 24.3s
[CV 4/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-632.137, test=-2995.204)
total time= 12.3s
[CV 3/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2238.044, test=-2804.836)
total time= 0.5s
[CV 5/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2258.150, test=-2729.818)
total time= 0.5s
[CV 3/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2067.902, test=-2895.705)
total time= 1.0s
[CV 1/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1692.830, test=-2535.933)
total time= 2.5s
[CV 4/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1688.033, test=-2728.901)
total time= 2.5s
[CV 2/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1257.747, test=-2724.373)

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total time= 4.9s
[CV 5/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1240.137, test=-2941.529)
total time= 4.9s
[CV 1/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-612.034, test=-2895.547)
total time= 12.2s
[CV 4/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-201.254, test=-3058.686)
total time= 24.7s
[CV 2/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-601.219, test=-2914.915)
total time= 12.1s
[CV 5/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-193.599, test=-3091.410)
total time= 24.1s
[CV 3/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-547.520, test=-3301.607)
total time= 12.1s
[CV 1/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2307.253, test=-2458.550)
total time= 0.5s
[CV 3/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2242.781, test=-2806.087)
total time= 0.5s
[CV 5/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2262.497, test=-2723.023)
total time= 0.5s
[CV 3/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

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[CV 3/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2050.883, test=-2857.717)
total time= 1.0s
[CV 1/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1720.923, test=-2517.621)
total time= 2.4s
[CV 4/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1692.992, test=-2727.827)
total time= 2.4s
[CV 2/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1274.279, test=-2740.148)
total time= 4.8s
[CV 5/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1272.994, test=-2965.012)
total time= 4.8s
[CV 1/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-647.361, test=-2852.379)
total time= 12.0s
[CV 4/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-246.908, test=-3126.074)
total time= 24.2s
[CV 2/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-695.236, test=-2871.970)
total time= 12.2s
[CV 5/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-275.418, test=-3111.674)
total time= 24.1s
[CV 3/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-652.760, test=-3328.352)
total time= 12.1s

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[CV 1/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-752.484, test=-2871.454)
total time= 9.8s
[CV 5/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-566.798, test=-3029.839)
total time= 12.2s
[CV 4/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2099.285, test=-2634.578)
total time= 1.0s
[CV 2/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1736.351, test=-2636.283)
total time= 2.5s
[CV 5/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1634.606, test=-2805.078)
total time= 2.5s
[CV 3/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1226.685, test=-3153.732)
total time= 4.9s
[CV 1/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-758.296, test=-2866.227)
total time= 9.8s
[CV 4/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-560.613, test=-3002.172)
total time= 12.2s
[CV 5/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2258.150, test=-2729.818)
total time= 0.5s
[CV 2/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=20;; score=(train=-2116.867, test=-2479.971)
total time= 1.0s
[CV 4/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2099.285, test=-2634.578)
total time= 1.0s
[CV 2/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1736.351, test=-2638.668)
total time= 2.4s
[CV 5/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1634.606, test=-2804.224)
total time= 2.4s
[CV 3/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1226.685, test=-3151.894)
total time= 4.9s
[CV 1/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-758.296, test=-2857.974)
total time= 9.8s
[CV 4/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-560.613, test=-3018.784)
total time= 12.3s
[CV 2/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2347.329, test=-2407.124)
total time= 0.5s
[CV 4/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2310.068, test=-2576.356)
total time= 0.5s
[CV 1/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2115.494, test=-2446.783)
total time= 1.0s
[CV 4/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20
[CV 4/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2101.449, test=-2645.825)
total time= 1.0s
[CV 2/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1762.446, test=-2615.355)
total time= 2.5s
[CV 1/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1303.390, test=-2639.821)
total time= 4.9s
[CV 4/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1277.453, test=-2860.486)
total time= 4.9s
[CV 5/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-809.592, test=-3022.271)
total time= 9.8s
[CV 3/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-217.436, test=-3279.004)
total time= 24.5s
[CV 5/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-851.229, test=-3030.672)
total time= 9.6s
[CV 3/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-238.824, test=-3308.653)
total time= 24.1s
[CV 4/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-896.612, test=-2954.965)
total time= 9.7s
[CV 2/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-284.196, test=-2959.392)

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total time= 24.3s
[CV 4/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1688.033, test=-2729.931)
total time= 2.4s
[CV 2/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1257.747, test=-2712.464)
total time= 4.8s
[CV 5/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1240.137, test=-2915.840)
total time= 4.9s
[CV 1/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-612.034, test=-2894.589)
total time= 12.1s
[CV 4/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-201.254, test=-3061.779)
total time= 24.2s
[CV 2/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-623.526, test=-2968.312)
total time= 12.1s
[CV 5/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-231.683, test=-3154.359)
total time= 24.3s
[CV 3/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-652.760, test=-3328.751)
total time= 12.1s
[CV 1/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2326.159, test=-2446.428)
total time= 0.6s
[CV 2/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2373.100, test=-2383.813)

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total time= 0.5s
[CV 3/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2271.513, test=-2774.507)
total time= 0.5s
[CV 5/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2237.235, test=-2731.124)
total time= 0.5s
[CV 2/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2201.192, test=-2455.456)
total time= 1.0s
[CV 5/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2049.409, test=-2748.390)
total time= 1.0s
[CV 3/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1706.251, test=-2999.675)
total time= 2.5s
[CV 1/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1293.619, test=-2711.099)
total time= 4.8s
[CV 4/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1359.094, test=-2887.123)
total time= 4.9s
[CV 5/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-851.229, test=-3027.298)
total time= 9.7s
[CV 3/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-238.824, test=-3298.769)
total time= 24.1s
[CV 4/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 4/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-896.612, test=-2954.281)
total time= 9.7s
[CV 2/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-284.196, test=-2973.086)
total time= 24.4s
[CV 3/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-779.891, test=-3199.564)
total time= 9.7s
[CV 1/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-269.393, test=-3075.934)
total time= 23.9s
[CV 2/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-876.593, test=-2963.261)
total time= 9.5s
[CV 5/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-734.621, test=-3067.368)
total time= 12.0s
[CV 2/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2173.604, test=-2549.263)
total time= 1.0s
[CV 5/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2093.340, test=-2758.640)
total time= 1.0s
[CV 3/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1693.556, test=-2928.335)
total time= 2.4s
[CV 1/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1361.891, test=-2731.951)
total time= 4.8s

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[CV 3/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1293.168, test=-3117.788)
total time= 4.9s
[CV 1/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-824.128, test=-2915.478)
total time= 9.7s
[CV 4/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-745.541, test=-2989.257)
total time= 12.3s
[CV 5/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2237.235, test=-2731.124)
total time= 0.5s
[CV 2/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2201.192, test=-2456.136)
total time= 1.0s
[CV 5/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2049.409, test=-2750.111)
total time= 1.0s
[CV 3/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1673.181, test=-2971.802)
total time= 2.5s
[CV 5/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1657.978, test=-2834.428)
total time= 2.5s
[CV 3/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1264.528, test=-3063.985)
total time= 4.9s
[CV 1/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200;; score=(train=-824.128, test=-2923.898)
total time= 9.7s
[CV 4/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-745.541, test=-2998.646)
total time= 12.3s
[CV 1/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2133.895, test=-2480.590)
total time= 1.0s
[CV 3/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2082.528, test=-2850.110)
total time= 1.0s
[CV 1/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1718.267, test=-2606.888)
total time= 2.5s
[CV 4/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1738.809, test=-2707.895)
total time= 2.4s
[CV 2/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1377.656, test=-2699.347)
total time= 4.9s
[CV 5/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1319.350, test=-2952.354)
total time= 4.9s
[CV 1/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-677.799, test=-2971.565)
total time= 12.1s
[CV 4/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-297.785, test=-3095.684)
total time= 24.3s
[CV 2/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250
[CV 2/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-731.434, test=-2993.741)
total time= 12.1s
[CV 5/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-329.161, test=-3126.627)
total time= 24.1s
[CV 3/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-678.593, test=-3211.566)
total time= 12.2s
[CV 1/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2311.869, test=-2450.019)
total time= 0.5s
[CV 2/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2358.642, test=-2433.070)
total time= 0.5s
[CV 4/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2309.893, test=-2596.892)
total time= 0.5s
[CV 1/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2154.719, test=-2500.983)
total time= 1.0s
[CV 4/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2114.114, test=-2666.629)
total time= 1.0s
[CV 2/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1761.776, test=-2666.760)
total time= 2.4s
[CV 5/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-854.413, test=-2824.159)

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total time= 9.6s
[CV 5/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-677.545, test=-3038.608)
total time= 12.1s
[CV 3/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2084.250, test=-2885.872)
total time= 1.0s
[CV 1/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1718.267, test=-2597.424)
total time= 2.4s
[CV 4/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1738.809, test=-2714.349)
total time= 2.4s
[CV 2/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1377.656, test=-2693.669)
total time= 4.9s
[CV 5/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1319.350, test=-2949.621)
total time= 4.9s
[CV 1/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-677.799, test=-2960.319)
total time= 12.1s
[CV 4/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-297.785, test=-3097.880)
total time= 24.2s
[CV 2/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-695.236, test=-2862.945)
total time= 12.1s
[CV 5/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

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[CV 5/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-275.418, test=-3111.908)
total time= 24.2s
[CV 3/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-646.080, test=-3216.072)
total time= 12.2s
[CV 1/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2311.869, test=-2450.019)
total time= 0.5s
[CV 2/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2358.642, test=-2432.247)
total time= 0.5s
[CV 3/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2268.645, test=-2773.601)
total time= 0.5s
[CV 4/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2309.893, test=-2596.892)
total time= 0.5s
[CV 1/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2154.719, test=-2506.341)
total time= 1.0s
[CV 3/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2059.761, test=-2843.814)
total time= 1.0s
[CV 1/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1776.458, test=-2620.242)
total time= 2.4s
[CV 4/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1764.175, test=-2725.745)
total time= 2.4s

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[CV 2/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1360.354, test=-2825.932)
total time= 4.9s
[CV 5/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1330.861, test=-2955.950)
total time= 4.9s
[CV 1/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-764.625, test=-2980.828)
total time= 12.1s
[CV 4/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-333.014, test=-3105.598)
total time= 24.3s
[CV 2/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-731.434, test=-2996.936)
total time= 12.0s
[CV 5/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-329.161, test=-3120.023)
total time= 23.9s
[CV 3/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-678.593, test=-3201.712)
total time= 11.9s
[CV 1/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2311.869, test=-2450.019)
total time= 0.5s
[CV 2/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2358.642, test=-2436.267)
total time= 0.5s
[CV 4/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=100;; score=(train=-1237.536, test=-2876.746)
total time= 4.9s
[CV 5/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-736.852, test=-3006.646)
total time= 9.8s
[CV 3/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-185.048, test=-3388.236)
total time= 24.3s
[CV 5/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-736.852, test=-3000.380)
total time= 9.8s
[CV 3/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-185.048, test=-3386.504)
total time= 24.5s
[CV 4/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-802.988, test=-2986.081)
total time= 9.8s
[CV 2/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-222.415, test=-3084.324)
total time= 24.5s
[CV 3/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-795.401, test=-3303.610)
total time= 9.7s
[CV 1/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-269.393, test=-3086.852)
total time= 24.1s
[CV 2/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-854.413, test=-2817.287)
total time= 9.7s
[CV 5/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 5/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-677.545, test=-3045.972)
total time= 12.2s
[CV 4/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2136.583, test=-2685.019)
total time= 1.0s
[CV 2/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1815.190, test=-2613.605)
total time= 2.5s
[CV 1/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1293.619, test=-2713.482)
total time= 4.9s
[CV 4/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1359.094, test=-2886.358)
total time= 4.9s
[CV 5/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-851.229, test=-3028.246)
total time= 9.8s
[CV 3/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-237.935, test=-3370.577)
total time= 24.3s
[CV 4/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-896.612, test=-2966.038)
total time= 9.9s
[CV 3/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-238.824, test=-3312.908)
total time= 24.2s
[CV 4/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-906.569, test=-3013.001)

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total time= 9.7s
[CV 2/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-302.468, test=-3089.938)
total time= 24.1s
[CV 3/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-831.665, test=-3176.681)
total time= 9.7s
[CV 1/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-322.610, test=-3077.026)
total time= 24.1s
[CV 2/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-876.593, test=-2953.640)
total time= 9.7s
[CV 5/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-734.621, test=-3066.156)
total time= 12.0s
[CV 3/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2059.761, test=-2843.814)
total time= 1.0s
[CV 1/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1776.458, test=-2623.035)
total time= 2.4s
[CV 4/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1764.175, test=-2730.664)
total time= 2.4s
[CV 2/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-795.401, test=-3303.254)
total time= 9.8s

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[CV 1/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-269.393, test=-3076.585)
total time= 24.3s
[CV 2/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-854.413, test=-2827.887)
total time= 9.7s
[CV 5/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-677.545, test=-3044.388)
total time= 12.1s
[CV 4/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2114.114, test=-2668.789)
total time= 1.0s
[CV 2/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1761.776, test=-2659.920)
total time= 2.4s
[CV 5/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1704.483, test=-2861.227)
total time= 2.4s
[CV 3/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1282.522, test=-3086.917)
total time= 4.8s
[CV 1/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-918.835, test=-2920.275)
total time= 9.6s
[CV 4/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-768.923, test=-3040.631)
total time= 12.1s
[CV 4/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10;; score=(train=-2309.893, test=-2596.892)
total time= 0.5s
[CV 1/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2154.719, test=-2500.983)
total time= 1.0s
[CV 4/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2114.114, test=-2668.789)
total time= 1.0s
[CV 2/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1761.776, test=-2655.199)
total time= 2.4s
[CV 5/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1704.483, test=-2860.697)
total time= 2.4s
[CV 3/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1282.522, test=-3082.394)
total time= 4.9s
[CV 1/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-918.835, test=-2922.586)
total time= 9.7s
[CV 4/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-768.923, test=-3036.980)
total time= 12.0s
[CV 3/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2268.645, test=-2773.601)
total time= 0.5s
[CV 5/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2266.352, test=-2712.019)
total time= 0.5s
[CV 3/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20
[CV 3/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2059.761, test=-2844.526)
total time= 1.0s
[CV 1/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1776.458, test=-2621.884)
total time= 2.4s
[CV 4/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1764.175, test=-2732.462)
total time= 2.4s
[CV 2/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1360.354, test=-2825.829)
total time= 4.8s
[CV 5/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1330.861, test=-2942.284)
total time= 4.8s
[CV 1/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-764.625, test=-2972.689)
total time= 12.1s
[CV 4/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-333.014, test=-3105.885)
total time= 24.1s
[CV 2/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-731.434, test=-2991.522)
total time= 12.1s
[CV 5/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2326.159, test=-2446.428)
total time= 0.5s
[CV 2/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2373.100, test=-2383.813)

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total time= 0.5s
[CV 3/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2260.922, test=-2784.122)
total time= 0.5s
[CV 4/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2312.473, test=-2621.363)
total time= 0.5s
[CV 1/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2133.895, test=-2476.383)
total time= 1.0s
[CV 3/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2096.580, test=-2796.108)
total time= 1.0s
[CV 1/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1718.267, test=-2601.448)
total time= 2.4s
[CV 4/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1738.809, test=-2720.953)
total time= 2.4s
[CV 2/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1377.656, test=-2697.630)
total time= 4.9s
[CV 5/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1319.350, test=-2946.782)
total time= 4.9s
[CV 1/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-677.799, test=-2965.544)
total time= 12.0s
[CV 4/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

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[CV 4/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-297.785, test=-3087.365)
total time= 24.2s
[CV 2/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-695.236, test=-2857.693)
total time= 12.0s
[CV 5/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-275.418, test=-3119.696)
total time= 24.2s
[CV 3/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-678.593, test=-3200.280)
total time= 12.1s
[CV 1/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2311.869, test=-2445.379)
total time= 0.5s
[CV 2/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2358.642, test=-2429.645)
total time= 0.5s
[CV 3/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2268.645, test=-2773.407)
total time= 0.5s
[CV 5/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2266.352, test=-2712.019)
total time= 0.5s
[CV 3/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2059.761, test=-2845.496)
total time= 1.0s
[CV 1/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1776.458, test=-2630.950)
total time= 2.4s

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[CV 4/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1764.175, test=-2716.229)
total time= 2.4s
[CV 2/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1360.354, test=-2811.548)
total time= 4.9s
[CV 5/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1330.861, test=-2950.830)
total time= 5.0s
[CV 1/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-764.625, test=-2980.819)
total time= 12.1s
[CV 4/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-333.014, test=-3098.400)
total time= 23.9s
[CV 2/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-731.434, test=-2991.710)
total time= 12.0s
[CV 5/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-329.161, test=-3117.429)
total time= 23.9s
[CV 3/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-678.593, test=-3190.591)
total time= 12.0s
[CV 5/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-275.418, test=-3115.979)
total time= 24.0s
[CV 3/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-646.080, test=-3218.022)
total time= 12.0s
[CV 1/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2326.159, test=-2446.428)
total time= 0.5s
[CV 2/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2373.100, test=-2383.813)
total time= 0.5s
[CV 3/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2271.513, test=-2774.603)
total time= 0.5s
[CV 4/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2312.473, test=-2621.363)
total time= 0.5s
[CV 5/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2237.235, test=-2731.124)
total time= 0.5s
[CV 2/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2201.192, test=-2455.025)
total time= 1.0s
[CV 5/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2049.409, test=-2749.719)
total time= 1.0s
[CV 3/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1673.181, test=-2966.685)
total time= 2.4s
[CV 1/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1293.619, test=-2710.878)
total time= 4.8s
[CV 4/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100
[CV 4/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1359.094, test=-2877.728)
total time= 4.8s
[CV 5/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-851.229, test=-3025.258)
total time= 9.6s
[CV 2/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-284.196, test=-2961.580)
total time= 24.0s
[CV 3/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-831.665, test=-3170.305)
total time= 9.6s
[CV 1/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-322.610, test=-3083.118)
total time= 23.9s
[CV 2/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-876.593, test=-2957.840)
total time= 9.7s
[CV 5/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-734.621, test=-3070.002)
total time= 12.0s
[CV 2/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2173.604, test=-2555.419)
total time= 1.0s
[CV 5/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2093.340, test=-2755.463)
total time= 1.0s
[CV 3/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1693.556, test=-2929.824)

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total time= 2.4s
[CV 1/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1361.891, test=-2726.150)
total time= 4.8s
[CV 4/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1333.410, test=-2880.156)
total time= 4.8s
[CV 5/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-884.102, test=-3041.482)
total time= 9.6s
[CV 3/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-295.027, test=-3317.629)
total time= 23.9s
[CV 3/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-831.665, test=-3169.848)
total time= 9.6s
[CV 1/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-322.610, test=-3071.124)
total time= 24.1s
[CV 4/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-222.509, test=-3075.734)
total time= 7.7s
[CV 2/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1293.619, test=-2714.767)
total time= 4.9s
[CV 4/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1359.094, test=-2885.700)
total time= 4.9s
[CV 4/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

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[CV 4/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-896.612, test=-2967.242)
total time= 9.7s
[CV 2/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-284.196, test=-2981.865)
total time= 24.2s
[CV 3/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-795.401, test=-3293.207)
total time= 9.7s
[CV 1/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-269.393, test=-3079.362)
total time= 24.2s
[CV 2/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-854.413, test=-2823.677)
total time= 9.7s
[CV 5/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-677.545, test=-3048.280)
total time= 12.1s
[CV 4/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2136.583, test=-2685.423)
total time= 1.0s
[CV 2/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1815.190, test=-2619.696)
total time= 2.4s
[CV 5/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1657.978, test=-2835.948)
total time= 2.4s
[CV 3/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1264.528, test=-3059.118)
total time= 4.9s

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[CV 1/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-824.128, test=-2915.309)
total time= 9.7s
[CV 4/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-745.541, test=-2998.684)
total time= 12.3s
[CV 5/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2266.352, test=-2712.019)
total time= 0.5s
[CV 2/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2173.604, test=-2546.570)
total time= 1.0s
[CV 5/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2093.340, test=-2758.640)
total time= 1.0s
[CV 3/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1693.556, test=-2932.957)
total time= 2.4s
[CV 1/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1361.891, test=-2742.322)
total time= 4.8s
[CV 4/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1333.410, test=-2877.484)
total time= 4.8s
[CV 5/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-884.102, test=-3041.074)
total time= 9.6s
[CV 3/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500;; score=(train=-295.027, test=-3306.520)
total time= 24.2s
[CV 4/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-906.569, test=-3001.567)
total time= 10.0s
[CV 3/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-295.027, test=-3314.219)
total time= 24.3s
[CV 4/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-906.569, test=-2997.545)
total time= 9.8s
[CV 2/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-302.468, test=-3080.270)
total time= 24.3s
[CV 4/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-906.569, test=-3005.275)
total time= 9.7s
[CV 2/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-302.468, test=-3094.618)
total time= 23.8s
[CV 5/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-209.818, test=-3192.937)
total time= 7.7s
[CV 5/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1704.483, test=-2862.285)
total time= 2.4s
[CV 3/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1282.522, test=-3081.089)
total time= 4.9s
[CV 1/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200;; score=(train=-918.835, test=-2915.553)
total time= 9.7s
[CV 4/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-768.923, test=-3034.789)
total time= 12.2s
[CV 4/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2309.893, test=-2587.851)
total time= 0.5s
[CV 1/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2154.719, test=-2500.983)
total time= 1.0s
[CV 4/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2114.114, test=-2666.629)
total time= 1.0s
[CV 2/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1761.776, test=-2665.538)
total time= 2.4s
[CV 5/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1704.483, test=-2857.439)
total time= 2.4s
[CV 3/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1282.522, test=-3083.101)
total time= 4.9s
[CV 1/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-918.835, test=-2927.048)
total time= 9.7s
[CV 4/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-768.923, test=-3033.506)
total time= 12.3s
[CV 4/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10
[CV 4/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1872.330, test=-2712.505)
total time= 0.8s
[CV 2/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1333.684, test=-2643.424)
total time= 1.5s
[CV 5/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1401.076, test=-3007.868)
total time= 1.6s
[CV 3/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-670.323, test=-3204.473)
total time= 3.9s
[CV 1/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-206.661, test=-2824.332)
total time= 7.7s
[CV 2/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-22.443, test=-2854.566)
total time= 15.5s
[CV 5/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-7.297, test=-3233.463)
total time= 19.4s
[CV 3/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-717.343, test=-3067.197)
total time= 3.9s
[CV 1/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-227.297, test=-2951.087)
total time= 7.8s
[CV 4/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-247.436, test=-2943.765)

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total time= 7.8s
[CV 2/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-29.708, test=-2960.581)
total time= 15.5s
[CV 5/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-9.786, test=-3173.559)
total time= 19.3s
[CV 2/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-864.491, test=-2791.999)
total time= 3.9s
[CV 5/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-837.411, test=-3077.550)
total time= 3.9s
[CV 3/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-298.826, test=-3250.021)
total time= 7.7s
[CV 1/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-51.311, test=-2758.414)
total time= 15.2s
[CV 4/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-25.212, test=-3019.752)
total time= 19.1s
[CV 3/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2268.645, test=-2773.601)
total time= 0.5s
[CV 5/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2266.352, test=-2712.019)
total time= 0.5s
[CV 2/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

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[CV 2/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2173.604, test=-2546.172)
total time= 1.0s
[CV 5/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2093.340, test=-2758.640)
total time= 1.0s
[CV 3/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1693.556, test=-2933.400)
total time= 2.4s
[CV 1/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1361.891, test=-2730.068)
total time= 4.8s
[CV 4/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1333.410, test=-2877.848)
total time= 4.8s
[CV 5/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-884.102, test=-3042.941)
total time= 9.6s
[CV 3/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-295.027, test=-3316.907)
total time= 24.1s
[CV 1/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-23.946, test=-2822.864)
total time= 15.3s
[CV 4/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-7.583, test=-3093.051)
total time= 19.3s
[CV 4/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1404.939, test=-2730.337)
total time= 1.6s

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[CV 1/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-732.534, test=-2919.236)
total time= 3.9s
[CV 4/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-691.535, test=-2927.505)
total time= 3.9s
[CV 2/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-251.650, test=-2945.969)
total time= 7.7s
[CV 5/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-210.400, test=-3124.132)
total time= 7.7s
[CV 1/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-10.296, test=-2991.702)
total time= 19.2s
[CV 4/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.066, test=-2932.870)
total time= 39.0s
[CV 2/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-26.288, test=-2869.489)
total time= 19.2s
[CV 5/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.413, test=-3147.370)
total time= 38.3s
[CV 3/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-47.082, test=-3197.337)
total time= 19.4s
[CV 1/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-1933.388, test=-2594.584)
total time= 0.8s
[CV 2/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1945.862, test=-2538.498)
total time= 0.8s
[CV 3/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1945.270, test=-2823.128)
total time= 0.8s
[CV 4/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1898.858, test=-2756.650)
total time= 0.8s
[CV 1/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1510.040, test=-2719.877)
total time= 1.5s
[CV 3/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1540.312, test=-2961.497)
total time= 1.6s
[CV 1/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-847.813, test=-2802.099)
total time= 3.8s
[CV 4/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-6.519, test=-3260.798)
total time= 19.3s
[CV 1/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1939.725, test=-2630.947)
total time= 0.8s
[CV 2/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1958.313, test=-2560.030)

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total time= 0.8s
[CV 3/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1867.240, test=-2882.053)
total time= 0.8s
[CV 4/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1839.024, test=-2629.616)
total time= 0.8s
[CV 5/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1908.432, test=-2872.807)
total time= 0.8s
[CV 1/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1485.551, test=-2774.509)
total time= 1.6s
[CV 2/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1544.453, test=-2676.974)
total time= 1.6s
[CV 3/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1454.441, test=-2984.840)
total time= 1.6s
[CV 5/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1419.180, test=-3034.076)
total time= 1.6s
[CV 2/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-739.512, test=-2852.232)
total time= 3.9s
[CV 5/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-649.391, test=-3109.611)
total time= 3.8s
[CV 3/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

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[CV 3/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-221.725, test=-3138.382)
total time= 7.7s
[CV 1/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-27.461, test=-2997.060)
total time= 15.3s
[CV 4/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-10.863, test=-2992.745)
total time= 19.2s
[CV 5/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1879.567, test=-2875.929)
total time= 0.8s
[CV 2/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1507.244, test=-2627.666)
total time= 1.6s
[CV 4/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1616.532, test=-2782.682)
total time= 1.6s
[CV 1/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-800.625, test=-2715.357)
total time= 3.9s
[CV 4/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-862.374, test=-2973.488)
total time= 3.9s
[CV 2/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-342.440, test=-2843.008)
total time= 7.8s
[CV 5/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-309.389, test=-3127.183)
total time= 7.7s

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[CV 1/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 1/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-22.799, test=-2779.431)
total time= 19.3s
[CV 4/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 4/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.503, test=-3037.382)
total time= 38.6s
[CV 2/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 2/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-42.122, test=-2978.354)
total time= 19.4s
[CV 5/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 5/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-1.345, test=-2989.711)
total time= 38.7s
[CV 3/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 3/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-30.624, test=-3299.085)
total time= 19.2s
[CV 1/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 1/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1933.388, test=-2589.583)
total time= 0.8s
[CV 2/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 1/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 1/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-1885.918, test=-2605.728)
total time= 0.8s
[CV 2/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 2/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-1839.557, test=-2588.355)
total time= 0.8s
[CV 3/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 3/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-1916.331, test=-2867.651)
total time= 0.8s
[CV 5/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10
[CV 5/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1823.880, test=-2891.523)
total time= 0.8s
[CV 3/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1457.396, test=-3100.193)
total time= 1.6s
[CV 1/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-668.115, test=-2794.771)
total time= 3.8s
[CV 4/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-638.986, test=-2985.245)
total time= 3.8s
[CV 2/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-208.404, test=-2810.915)
total time= 7.7s
[CV 3/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-18.111, test=-3239.693)
total time= 15.4s
[CV 1/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.044, test=-2851.175)
total time= 38.3s
[CV 3/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-29.868, test=-3140.871)
total time= 15.4s
[CV 1/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.062, test=-2994.822)
total time= 38.5s
[CV 2/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-60.842, test=-2896.892)

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total time= 15.5s
[CV 5/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-25.401, test=-3141.498)
total time= 19.4s
[CV 2/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1052.555, test=-2791.661)
total time= 3.9s
[CV 5/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-832.341, test=-2945.422)
total time= 3.9s
[CV 3/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-426.170, test=-3191.800)
total time= 7.8s
[CV 1/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-82.486, test=-2977.565)
total time= 15.5s
[CV 4/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-49.083, test=-3049.772)
total time= 20.0s
[CV 5/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1910.386, test=-2715.231)
total time= 0.8s
[CV 2/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1533.773, test=-2629.952)
total time= 1.5s
[CV 4/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1535.936, test=-2786.770)
total time= 1.6s
[CV 2/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

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[CV 2/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-834.417, test=-2800.924)
total time= 3.9s

[CV 5/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 5/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-815.719, test=-3014.839)
total time= 3.9s

[CV 3/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 3/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-336.690, test=-3272.708)
total time= 7.7s

[CV 1/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 1/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-74.862, test=-2932.953)
total time= 15.4s

[CV 4/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 4/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-32.704, test=-3070.694)
total time= 19.1s

[CV 4/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 4/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1898.584, test=-2757.181)
total time= 0.8s

[CV 1/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 5/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-329.161, test=-3118.343)
total time= 24.1s

[CV 1/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 1/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-8.737, test=-2858.080)
total time= 19.2s

[CV 4/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 4/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.038, test=-3093.762)
total time= 38.4s

[CV 2/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 2/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-10.397, test=-2964.883)
total time= 19.3s

[CV 5/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.044, test=-3130.318)
total time= 38.5s
[CV 3/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-25.216, test=-3285.091)
total time= 19.3s
[CV 1/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2003.314, test=-2594.084)
total time= 0.8s
[CV 3/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1953.345, test=-2864.141)
total time= 0.8s
[CV 5/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1924.659, test=-2776.727)
total time= 0.8s
[CV 2/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1709.462, test=-2570.593)
total time= 1.6s
[CV 4/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1646.203, test=-2736.441)
total time= 1.6s
[CV 1/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-920.296, test=-2874.991)
total time= 3.8s
[CV 4/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-974.547, test=-2870.666)
total time= 3.9s
[CV 2/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100;; score=(train=-473.242, test=-2927.979)
total time= 7.7s
[CV 5/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-395.454, test=-2991.311)
total time= 7.7s
[CV 1/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-38.616, test=-2983.826)
total time= 19.2s
[CV 4/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.642, test=-3044.534)
total time= 38.5s
[CV 2/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-33.515, test=-2897.392)
total time= 19.0s
[CV 5/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.777, test=-3084.416)
total time= 38.2s
[CV 3/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-30.624, test=-3286.182)
total time= 19.1s
[CV 1/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1933.388, test=-2589.583)
total time= 0.8s
[CV 2/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1945.862, test=-2533.555)
total time= 0.8s
[CV 3/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1945.270, test=-2822.736)
total time= 0.8s
[CV 5/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10
[CV 5/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1910.386, test=-2700.771)
total time= 0.8s
[CV 2/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1533.773, test=-2631.398)
total time= 1.5s
[CV 5/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1456.199, test=-2850.057)
total time= 1.5s
[CV 3/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-832.304, test=-3168.472)
total time= 3.9s
[CV 1/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-391.272, test=-2880.854)
total time= 7.7s
[CV 4/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-367.946, test=-3034.283)
total time= 7.6s
[CV 4/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1333.410, test=-2884.004)
total time= 4.8s
[CV 5/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-884.102, test=-3040.510)
total time= 9.5s
[CV 2/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-302.468, test=-3092.273)
total time= 23.9s
[CV 3/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-831.665, test=-3173.523)

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total time= 9.6s
[CV 1/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-322.610, test=-3077.857)
total time= 23.8s
[CV 2/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-876.593, test=-2970.201)
total time= 9.6s
[CV 5/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-734.621, test=-3071.404)
total time= 12.1s
[CV 1/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1548.763, test=-2674.262)
total time= 1.6s
[CV 4/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1477.298, test=-2775.059)
total time= 1.5s
[CV 2/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-638.807, test=-2768.591)
total time= 3.8s
[CV 5/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-679.280, test=-3122.271)
total time= 3.8s
[CV 3/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-201.632, test=-3269.599)
total time= 7.6s
[CV 5/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-23.133, test=-3226.660)
total time= 15.3s
[CV 3/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

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[CV 3/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.034, test=-3271.922)
total time= 38.5s

[CV 5/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 5/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-25.320, test=-3148.513)
total time= 15.4s

[CV 3/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 3/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.063, test=-3140.167)
total time= 38.7s

[CV 5/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 5/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-58.361, test=-3147.036)
total time= 15.5s

[CV 3/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 3/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.343, test=-3261.261)
total time= 38.7s

[CV 5/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 5/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-80.911, test=-2997.426)
total time= 15.5s

[CV 3/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 3/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.272, test=-3196.028)
total time= 38.5s

[CV 4/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 4/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-79.515, test=-3066.585)
total time= 15.2s

[CV 2/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 2/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.685, test=-2883.585)
total time= 37.8s

[CV 3/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 3/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-65.300, test=-3279.921)
total time= 15.3s

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[CV 1/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.094, test=-2898.761)
total time= 38.1s
[CV 2/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-68.373, test=-2894.491)
total time= 15.2s
[CV 5/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-33.915, test=-3082.558)
total time= 19.0s
[CV 3/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1604.277, test=-2963.953)
total time= 1.5s
[CV 1/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-919.940, test=-2814.029)
total time= 3.8s
[CV 4/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-7.740, test=-2825.212)
total time= 19.2s
[CV 5/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.039, test=-3184.496)
total time= 38.4s
[CV 3/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-10.191, test=-3127.800)
total time= 19.3s
[CV 1/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1984.491, test=-2600.839)
total time= 0.8s
[CV 2/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10;; score=(train=-1973.782, test=-2481.299)
total time= 0.8s
[CV 3/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1885.090, test=-2884.700)
total time= 0.8s
[CV 4/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1920.745, test=-2690.776)
total time= 0.8s
[CV 1/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1530.452, test=-2539.837)
total time= 1.6s
[CV 3/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1451.575, test=-3032.826)
total time= 1.6s
[CV 5/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1487.877, test=-2961.394)
total time= 1.6s
[CV 3/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-781.299, test=-3192.095)
total time= 3.9s
[CV 1/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-313.226, test=-2754.946)
total time= 7.9s
[CV 4/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-375.290, test=-2991.772)
total time= 8.0s
[CV 3/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-53.194, test=-3258.037)
total time= 15.5s
[CV 1/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500
[CV 1/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.352, test=-2770.307)
total time= 38.7s
[CV 3/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-92.881, test=-3197.687)
total time= 15.5s
[CV 1/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.965, test=-2996.264)
total time= 38.5s
[CV 3/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-65.300, test=-3280.967)
total time= 15.3s
[CV 1/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1.277, test=-2949.538)
total time= 38.2s
[CV 2/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-68.373, test=-2902.492)
total time= 15.3s
[CV 5/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-27.781, test=-2984.938)
total time= 19.0s
[CV 3/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1540.312, test=-2955.335)
total time= 1.5s
[CV 1/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-847.813, test=-2816.651)
total time= 3.8s
[CV 4/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-812.195, test=-2925.129)

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total time= 3.8s
[CV 2/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-328.327, test=-2879.031)
total time= 7.7s
[CV 5/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-321.681, test=-3066.879)
total time= 7.7s
[CV 1/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-36.063, test=-2888.757)
total time= 19.1s
[CV 4/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.635, test=-3065.530)
total time= 37.5s
[CV 2/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-57.669, test=-3074.777)
total time= 19.2s
[CV 2/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2097.298, test=-2483.418)
total time= 0.8s
[CV 4/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1999.043, test=-2615.346)
total time= 0.8s
[CV 1/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1571.900, test=-2685.045)
total time= 1.5s
[CV 3/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1580.858, test=-2975.057)
total time= 1.5s
[CV 5/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

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[CV 5/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1467.372, test=-2814.240)
total time= 1.5s
[CV 3/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-898.707, test=-3135.023)
total time= 3.8s
[CV 1/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-400.000, test=-2959.933)
total time= 7.7s
[CV 4/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-457.934, test=-2986.204)
total time= 7.7s
[CV 4/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-101.923, test=-3031.983)
total time= 15.3s
[CV 2/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.235, test=-2965.723)
total time= 38.1s
[CV 2/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-68.373, test=-2884.930)
total time= 15.1s
[CV 5/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-33.915, test=-3071.102)
total time= 18.9s
[CV 3/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1540.312, test=-2958.433)
total time= 1.5s
[CV 1/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-847.813, test=-2812.382)
total time= 3.8s

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[CV 4/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-812.195, test=-2931.510)
total time= 3.8s
[CV 2/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-328.327, test=-2865.658)
total time= 7.6s
[CV 5/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-321.681, test=-3079.540)
total time= 7.7s
[CV 1/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-31.358, test=-2837.072)
total time= 18.9s
[CV 4/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.002, test=-3008.592)
total time= 37.8s
[CV 2/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-33.515, test=-2922.950)
total time= 18.9s
[CV 5/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.546, test=-2990.955)
total time= 37.3s
[CV 3/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-53.153, test=-3146.506)
total time= 19.2s
[CV 1/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2076.496, test=-2530.819)
total time= 0.8s
[CV 2/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10;; score=(train=-1962.749, test=-2551.471)
total time= 0.7s
[CV 3/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1986.222, test=-2885.285)
total time= 0.8s
[CV 4/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1958.509, test=-2761.612)
total time= 0.8s
[CV 1/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1656.714, test=-2636.430)
total time= 1.5s
[CV 3/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1690.499, test=-2983.018)
total time= 1.5s
[CV 1/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1360.354, test=-2830.795)
total time= 4.8s
[CV 5/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1330.861, test=-2948.513)
total time= 4.8s
[CV 1/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-764.625, test=-2976.911)
total time= 12.1s
[CV 4/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-333.014, test=-3101.707)
total time= 24.2s
[CV 4/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-25.463, test=-3087.509)
total time= 15.3s
[CV 2/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500
[CV 2/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.043, test=-2853.256)
total time= 38.1s
[CV 4/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-30.181, test=-3001.173)
total time= 15.3s
[CV 2/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.081, test=-2977.198)
total time= 38.7s
[CV 4/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-63.520, test=-3023.466)
total time= 15.5s
[CV 2/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.403, test=-2887.091)
total time= 38.5s
[CV 2/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-93.812, test=-2975.000)
total time= 15.5s
[CV 5/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-40.144, test=-3009.664)
total time= 19.2s
[CV 5/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1443.757, test=-2858.156)
total time= 1.5s
[CV 3/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-832.304, test=-3164.911)
total time= 3.8s
[CV 1/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-342.651, test=-2868.915)

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total time= 7.6s
[CV 4/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-367.946, test=-3021.423)
total time= 7.6s
[CV 5/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-59.221, test=-2999.569)
total time= 15.2s
[CV 3/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.753, test=-3309.189)
total time= 38.1s
[CV 4/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-79.515, test=-3075.269)
total time= 15.2s
[CV 2/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.685, test=-2907.761)
total time= 38.1s
[CV 3/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-80.666, test=-3166.754)
total time= 15.4s
[CV 1/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.782, test=-2836.997)
total time= 38.1s
[CV 2/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-114.088, test=-3055.587)
total time= 15.3s
[CV 5/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-53.300, test=-2977.618)
total time= 19.0s
[CV 5/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 5/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1539.740, test=-2835.477)
total time= 1.5s
[CV 3/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-920.400, test=-3140.753)
total time= 3.8s
[CV 1/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-454.353, test=-2872.381)
total time= 7.5s
[CV 4/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-537.912, test=-2980.623)
total time= 7.6s
[CV 4/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-148.596, test=-3020.336)
total time= 15.1s
[CV 4/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-857.063, test=-2876.098)
total time= 3.9s
[CV 2/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-328.327, test=-2856.782)
total time= 7.7s
[CV 5/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-321.681, test=-3065.266)
total time= 7.7s
[CV 1/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-36.063, test=-2882.857)
total time= 19.2s
[CV 4/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1.002, test=-3023.120)
total time= 38.1s
[CV 2/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

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[CV 2/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-33.515, test=-2903.040)
total time= 18.9s
[CV 5/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.546, test=-2988.284)
total time= 37.5s
[CV 3/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-30.624, test=-3278.063)
total time= 18.9s
[CV 1/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1984.061, test=-2562.149)
total time= 0.8s
[CV 2/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1955.210, test=-2595.871)
total time= 0.8s
[CV 3/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1988.151, test=-2826.051)
total time= 0.8s
[CV 4/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1913.498, test=-2719.638)
total time= 0.8s
[CV 1/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1552.366, test=-2644.581)
total time= 1.5s
[CV 4/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1527.087, test=-2824.202)
total time= 1.5s
[CV 2/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-965.588, test=-2871.320)
total time= 3.8s

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[CV 5/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-951.920, test=-2907.724)
total time= 3.8s
[CV 3/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-423.945, test=-3144.744)
total time= 7.7s
[CV 1/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-99.753, test=-2897.271)
total time= 15.3s
[CV 4/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-57.295, test=-3083.345)
total time= 19.1s
[CV 5/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1895.257, test=-2742.726)
total time= 0.8s
[CV 2/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1582.326, test=-2636.949)
total time= 1.5s
[CV 4/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1560.766, test=-2882.993)
total time= 1.5s
[CV 2/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-951.945, test=-2928.218)
total time= 3.8s
[CV 5/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-935.871, test=-2943.857)
total time= 3.8s
[CV 3/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100;; score=(train=-476.581, test=-3250.816)
total time= 7.6s
[CV 1/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-129.591, test=-2910.633)
total time= 15.2s
[CV 4/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-90.872, test=-3016.165)
total time= 19.0s
[CV 3/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1962.850, test=-2869.803)
total time= 0.8s
[CV 5/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1895.257, test=-2742.726)
total time= 0.8s
[CV 1/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1510.040, test=-2715.250)
total time= 1.6s
[CV 4/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1535.936, test=-2790.585)
total time= 1.6s
[CV 2/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-834.417, test=-2794.832)
total time= 3.9s
[CV 5/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-807.192, test=-2949.111)
total time= 3.8s
[CV 3/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-336.690, test=-3270.450)
total time= 7.7s
[CV 1/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200;; score=(train=-63.805, test=-2829.690)
total time= 15.3s
[CV 4/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-32.704, test=-3070.962)
total time= 19.1s
[CV 4/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1898.584, test=-2757.127)
total time= 0.8s
[CV 1/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1543.552, test=-2657.876)
total time= 1.6s
[CV 4/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1589.078, test=-2787.192)
total time= 1.6s
[CV 2/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-834.417, test=-2817.865)
total time= 3.9s
[CV 5/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-815.719, test=-3012.396)
total time= 3.9s
[CV 3/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-336.690, test=-3272.328)
total time= 7.7s
[CV 1/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-63.805, test=-2835.137)
total time= 15.3s
[CV 4/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-32.704, test=-3072.582)
total time= 19.1s
[CV 5/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10
[CV 5/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1963.333, test=-2801.259)
total time= 0.8s
[CV 2/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1623.438, test=-2670.677)
total time= 1.6s
[CV 5/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1588.024, test=-2832.530)
total time= 1.5s
[CV 3/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-938.218, test=-3072.026)
total time= 3.9s
[CV 1/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-421.129, test=-2875.420)
total time= 7.7s
[CV 4/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-498.487, test=-2984.697)
total time= 7.7s
[CV 5/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-108.287, test=-2943.090)
total time= 15.4s
[CV 3/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-2.055, test=-3165.117)
total time= 38.6s
[CV 5/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-126.902, test=-3039.437)
total time= 15.1s
[CV 3/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-4.153, test=-3296.525)

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total time= 37.2s
[CV 3/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-124.633, test=-3256.788)
total time= 15.2s
[CV 1/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-4.033, test=-2916.258)
total time= 37.5s
[CV 2/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-129.626, test=-3113.862)
total time= 15.1s
[CV 5/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-69.854, test=-3051.979)
total time= 19.0s
[CV 1/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-988.248, test=-2780.072)
total time= 3.8s
[CV 4/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-979.184, test=-2978.227)
total time= 3.8s
[CV 2/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-472.025, test=-3043.058)
total time= 7.5s
[CV 5/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-487.805, test=-2999.533)
total time= 7.5s
[CV 1/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-71.342, test=-2921.905)
total time= 18.7s
[CV 4/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-5.413, test=-3013.814)

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total time= 37.7s
[CV 2/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-70.785, test=-3110.077)
total time= 18.8s
[CV 5/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-3.080, test=-3052.289)
total time= 37.3s
[CV 3/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-64.895, test=-3259.689)
total time= 18.5s
[CV 1/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2076.496, test=-2532.695)
total time= 0.8s
[CV 2/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1962.749, test=-2567.190)
total time= 0.7s
[CV 3/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1962.850, test=-2867.624)
total time= 0.8s
[CV 4/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1958.509, test=-2757.746)
total time= 0.8s
[CV 5/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1895.257, test=-2750.269)
total time= 0.7s
[CV 2/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1582.326, test=-2639.709)
total time= 1.5s
[CV 4/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

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[CV 4/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1560.766, test=-2886.402)
total time= 1.5s
[CV 2/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-917.766, test=-2838.516)
total time= 3.7s
[CV 5/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-935.871, test=-2942.019)
total time= 3.7s
[CV 3/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-476.581, test=-3242.532)
total time= 7.5s
[CV 1/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-129.591, test=-2913.854)
total time= 14.9s
[CV 4/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-90.872, test=-3014.963)
total time= 19.0s
[CV 2/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2037.737, test=-2543.389)
total time= 0.8s
[CV 4/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1964.283, test=-2672.882)
total time= 0.7s
[CV 1/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1693.317, test=-2511.655)
total time= 1.5s
[CV 4/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1644.793, test=-2767.274)
total time= 1.5s

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[CV 2/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1025.751, test=-2831.894)
total time= 3.8s
[CV 4/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1076.937, test=-2968.351)
total time= 3.8s
[CV 2/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-544.135, test=-2977.662)
total time= 7.5s
[CV 5/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-509.482, test=-3015.708)
total time= 7.5s
[CV 5/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-2.228, test=-2965.697)
total time= 38.3s
[CV 3/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-64.895, test=-3267.128)
total time= 19.1s
[CV 1/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2076.496, test=-2530.768)
total time= 0.8s
[CV 2/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1962.749, test=-2562.379)
total time= 0.8s
[CV 4/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1958.509, test=-2765.916)
total time= 0.8s
[CV 1/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-1656.714, test=-2636.252)
total time= 1.6s
[CV 4/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1560.766, test=-2873.695)
total time= 1.5s
[CV 2/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-951.945, test=-2923.979)
total time= 3.8s
[CV 5/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-935.871, test=-2948.596)
total time= 3.8s
[CV 3/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-476.581, test=-3250.822)
total time= 7.8s
[CV 1/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-129.591, test=-2908.220)
total time= 15.0s
[CV 4/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-90.872, test=-3017.774)
total time= 18.9s
[CV 4/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1958.509, test=-2751.675)
total time= 0.8s
[CV 1/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1656.714, test=-2638.430)
total time= 1.5s
[CV 4/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1560.766, test=-2885.323)
total time= 1.5s
[CV 2/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 2/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-951.945, test=-2917.901)
total time= 3.8s
[CV 5/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-935.871, test=-2942.364)
total time= 3.7s
[CV 3/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-451.743, test=-3211.263)
total time= 7.6s
[CV 1/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-129.591, test=-2924.538)
total time= 15.1s
[CV 4/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-90.872, test=-3021.508)
total time= 19.0s
[CV 1/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1656.714, test=-2636.787)
total time= 1.5s
[CV 3/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1626.749, test=-2995.576)
total time= 1.5s
[CV 1/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-988.248, test=-2785.632)
total time= 3.8s
[CV 4/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-979.184, test=-2979.132)
total time= 3.8s
[CV 2/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-472.025, test=-3053.524)

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total time= 7.6s
[CV 5/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-487.805, test=-3002.150)
total time= 7.6s
[CV 1/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-71.342, test=-2913.415)
total time= 18.9s
[CV 4/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-5.413, test=-3022.080)
total time= 37.9s
[CV 2/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1945.862, test=-2524.313)
total time= 0.8s
[CV 3/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1945.270, test=-2823.128)
total time= 0.8s
[CV 5/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1910.386, test=-2710.865)
total time= 0.8s
[CV 2/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1533.773, test=-2600.833)
total time= 1.6s
[CV 5/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1443.757, test=-2858.592)
total time= 1.6s
[CV 3/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-832.304, test=-3164.333)
total time= 3.8s
[CV 1/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

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[CV 1/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-342.651, test=-2876.022)
total time= 7.6s

[CV 4/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 4/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-405.413, test=-2967.902)
total time= 7.7s

[CV 5/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 5/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-71.473, test=-3086.691)
total time= 15.4s

[CV 3/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 3/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.753, test=-3293.823)
total time= 38.4s

[CV 4/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 4/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-79.515, test=-3055.405)
total time= 15.3s

[CV 2/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 2/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.685, test=-2927.012)
total time= 38.4s

[CV 4/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 4/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-116.686, test=-3062.538)
total time= 15.4s

[CV 2/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 2/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1.937, test=-3072.005)
total time= 38.2s

[CV 3/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 3/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-129.379, test=-3289.349)
total time= 15.2s

[CV 1/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-4.033, test=-2922.582)
total time= 36.9s

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[CV 2/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-129.626, test=-3110.977)
total time= 15.2s
[CV 5/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-69.854, test=-3049.778)
total time= 19.0s
[CV 3/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1690.499, test=-2984.786)
total time= 1.6s
[CV 1/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-988.248, test=-2791.184)
total time= 3.8s
[CV 4/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-979.184, test=-2987.469)
total time= 3.8s
[CV 2/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-493.082, test=-2892.597)
total time= 7.6s
[CV 5/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-487.805, test=-3002.088)
total time= 7.6s
[CV 1/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-71.342, test=-2904.913)
total time= 19.0s
[CV 4/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-5.413, test=-3011.067)
total time= 38.1s
[CV 2/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-70.785, test=-3114.432)
total time= 18.9s
[CV 5/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-3.080, test=-3049.630)
total time= 37.6s
[CV 3/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-85.878, test=-3353.117)
total time= 18.8s
[CV 1/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2122.349, test=-2442.927)
total time= 0.8s
[CV 5/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-59.221, test=-2983.366)
total time= 15.2s
[CV 3/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.753, test=-3292.740)
total time= 38.1s
[CV 3/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-97.089, test=-3156.900)
total time= 15.3s
[CV 1/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1.809, test=-2901.457)
total time= 38.0s
[CV 2/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-129.626, test=-3126.087)
total time= 15.1s
[CV 5/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-69.854, test=-3043.850)
total time= 18.9s
[CV 5/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20
[CV 5/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1539.740, test=-2829.047)
total time= 1.5s
[CV 3/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-956.050, test=-3127.813)
total time= 3.8s
[CV 1/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-454.353, test=-2871.031)
total time= 7.7s
[CV 4/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-537.912, test=-2981.838)
total time= 7.6s
[CV 5/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-126.902, test=-3035.552)
total time= 15.1s
[CV 3/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-3.206, test=-3263.045)
total time= 37.8s
[CV 4/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-148.596, test=-3020.273)
total time= 15.2s
[CV 2/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-5.186, test=-3123.289)
total time= 37.9s
[CV 4/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-148.596, test=-3001.648)
total time= 15.2s
[CV 2/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-5.186, test=-3130.860)

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total time= 37.8s
[CV 4/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-198.297, test=-3076.818)
total time= 15.0s
[CV 2/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-6.030, test=-3041.624)
total time= 37.1s
[CV 2/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-163.728, test=-3035.103)
total time= 14.9s
[CV 5/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-92.498, test=-3082.305)
total time= 18.6s
[CV 3/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1662.133, test=-2919.209)
total time= 1.5s
[CV 1/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1056.226, test=-2704.769)
total time= 3.7s
[CV 4/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1076.937, test=-2965.530)
total time= 3.7s
[CV 2/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-544.135, test=-2970.024)
total time= 7.5s
[CV 5/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-509.482, test=-3025.101)
total time= 7.4s
[CV 1/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 1/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-102.949, test=-2836.569)
total time= 18.6s

[CV 4/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-8.697, test=-3089.374)
total time= 37.1s

[CV 2/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-92.769, test=-3044.821)
total time= 18.6s

[CV 5/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 2/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 2/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-3.299, test=-2982.571)
total time= 37.8s

[CV 4/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 4/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-148.596, test=-3004.987)
total time= 15.2s

[CV 2/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 2/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-5.186, test=-3134.611)
total time= 37.9s

[CV 3/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 3/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-124.633, test=-3258.156)
total time= 15.2s

[CV 1/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 1/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-4.033, test=-2925.256)
total time= 37.6s

[CV 2/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 2/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-129.626, test=-3121.607)
total time= 15.2s

[CV 5/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 5/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-69.854, test=-3043.847)
total time= 19.0s
[CV 3/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1662.115, test=-2908.204)
total time= 1.5s
[CV 1/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1056.226, test=-2714.877)
total time= 3.8s
[CV 5/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-987.353, test=-2950.786)
total time= 3.8s
[CV 3/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-535.659, test=-3234.076)
total time= 7.6s
[CV 1/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-181.289, test=-2816.561)
total time= 15.1s
[CV 4/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-111.001, test=-3086.404)
total time= 18.7s
[CV 3/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2031.019, test=-2805.053)
total time= 0.8s
[CV 5/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1994.357, test=-2793.146)
total time= 0.8s
[CV 2/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1660.051, test=-2709.575)
total time= 1.5s
[CV 4/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20
[CV 4/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1644.793, test=-2766.112)
total time= 1.5s
[CV 2/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1022.871, test=-2893.926)
total time= 3.7s
[CV 4/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1076.937, test=-2966.307)
total time= 3.7s
[CV 2/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-544.135, test=-2961.213)
total time= 7.5s
[CV 5/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-509.482, test=-3006.908)
total time= 7.4s
[CV 1/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-102.949, test=-2834.995)
total time= 18.6s
[CV 4/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-8.697, test=-3088.316)
total time= 37.2s
[CV 2/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-93.548, test=-3047.562)
total time= 18.7s
[CV 5/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-6.903, test=-3097.383)
total time= 37.5s
[CV 3/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-85.878, test=-3356.164)

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total time= 18.8s
[CV 1/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1286.514, test=-2785.043)
total time= 1.2s
[CV 2/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1144.938, test=-2772.083)
total time= 1.1s
[CV 3/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1582.326, test=-2652.399)
total time= 1.4s
[CV 3/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1690.499, test=-2982.564)
total time= 1.5s
[CV 1/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-988.248, test=-2788.595)
total time= 3.8s
[CV 4/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-979.184, test=-2988.231)
total time= 3.8s
[CV 2/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-472.025, test=-3054.362)
total time= 7.7s
[CV 5/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-487.805, test=-3006.980)
total time= 7.6s
[CV 1/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-71.342, test=-2918.637)
total time= 18.9s

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[CV 4/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-5.413, test=-3011.327)
total time= 37.9s
[CV 2/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-64.876, test=-2961.900)
total time= 18.8s
[CV 5/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-3.080, test=-3065.146)
total time= 37.4s
[CV 3/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-74.971, test=-3288.807)
total time= 18.8s
[CV 1/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2122.349, test=-2440.469)
total time= 0.8s
[CV 3/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2031.019, test=-2805.046)
total time= 0.8s
[CV 5/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1994.357, test=-2790.705)
total time= 0.8s
[CV 2/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1730.555, test=-2674.346)
total time= 1.5s
[CV 5/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1603.821, test=-2890.046)
total time= 1.5s
[CV 3/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50;; score=(train=-981.719, test=-3160.861)
total time= 3.7s
[CV 1/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-534.847, test=-2788.356)
total time= 7.5s
[CV 4/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-610.862, test=-3060.341)
total time= 7.5s
[CV 5/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-167.453, test=-3089.112)
total time= 14.9s
[CV 3/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-6.495, test=-3322.556)
total time= 37.7s
[CV 4/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-198.297, test=-3083.712)
total time= 15.1s
[CV 2/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-6.030, test=-3052.840)
total time= 37.8s
[CV 4/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-198.297, test=-3082.373)
total time= 15.2s
[CV 2/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-6.030, test=-3065.153)
total time= 37.2s
[CV 2/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-163.728, test=-3030.562)
total time= 15.0s
[CV 5/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250
[CV 5/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-92.498, test=-3089.981)
total time= 18.7s
[CV 2/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-491.992, test=-2903.442)
total time= 2.3s
[CV 5/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-970.567, test=-2960.758)
total time= 3.8s
[CV 2/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-469.238, test=-2998.992)
total time= 7.8s
[CV 5/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-426.458, test=-2925.484)
total time= 7.7s
[CV 1/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-51.413, test=-2929.328)
total time= 18.9s
[CV 4/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-2.348, test=-3084.558)
total time= 37.9s
[CV 2/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-64.876, test=-2980.132)
total time= 18.8s
[CV 5/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-3.080, test=-3037.697)
total time= 37.7s
[CV 3/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-74.971, test=-3296.702)

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total time= 19.1s
[CV 1/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2076.496, test=-2530.394)
total time= 0.8s
[CV 2/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1962.749, test=-2548.175)
total time= 0.8s
[CV 3/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1962.850, test=-2868.348)
total time= 0.8s
[CV 5/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1895.257, test=-2744.121)
total time= 0.8s
[CV 2/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1582.326, test=-2641.338)
total time= 1.5s
[CV 5/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1539.740, test=-2830.937)
total time= 1.5s
[CV 3/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-920.400, test=-3146.595)
total time= 3.8s
[CV 1/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-454.353, test=-2870.516)
total time= 7.5s
[CV 4/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-537.912, test=-2979.621)
total time= 7.6s
[CV 5/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 5/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-126.902, test=-3044.307)
total time= 15.0s

[CV 3/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-3.206, test=-3269.577)
total time= 37.6s

[CV 3/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 3/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-124.633, test=-3257.050)
total time= 15.1s

[CV 1/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-4.033, test=-2907.467)
total time= 37.6s

[CV 2/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 2/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-163.728, test=-3032.346)
total time= 15.0s

[CV 1/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-8.159, test=-2831.151)
total time= 38.0s

[CV 3/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 3/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-158.061, test=-3334.238)
total time= 15.1s

[CV 1/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 1/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-8.159, test=-2838.739)
total time= 37.9s

[CV 3/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 3/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-158.061, test=-3341.935)
total time= 15.2s

[CV 1/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 1/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-8.159, test=-2823.081)
total time= 37.4s

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[CV 3/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-158.061, test=-3334.707)
total time= 14.9s
[CV 1/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-8.159, test=-2836.241)
total time= 37.2s
[CV 2/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2037.737, test=-2541.755)
total time= 0.8s
[CV 4/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1964.283, test=-2673.279)
total time= 0.7s
[CV 1/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1693.317, test=-2515.121)
total time= 1.5s
[CV 3/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1662.133, test=-2918.406)
total time= 1.5s
[CV 1/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1056.226, test=-2710.282)
total time= 3.8s
[CV 5/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-987.353, test=-2950.371)
total time= 3.7s
[CV 3/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-535.659, test=-3244.405)
total time= 7.5s
[CV 1/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200;; score=(train=-181.289, test=-2825.187)
total time= 15.1s
[CV 4/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-111.001, test=-3080.854)
total time= 18.7s
[CV 4/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1964.283, test=-2669.729)
total time= 0.8s
[CV 1/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1693.317, test=-2515.328)
total time= 1.5s
[CV 4/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1644.793, test=-2769.008)
total time= 1.5s
[CV 2/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1025.751, test=-2820.684)
total time= 3.7s
[CV 5/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-987.353, test=-2945.963)
total time= 3.8s
[CV 3/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-535.659, test=-3235.218)
total time= 7.5s
[CV 1/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-181.289, test=-2820.940)
total time= 15.1s
[CV 4/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-111.001, test=-3078.463)
total time= 18.8s
[CV 3/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10
[CV 3/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2031.019, test=-2804.887)
total time= 0.8s
[CV 5/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1994.357, test=-2795.098)
total time= 0.8s
[CV 2/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1730.555, test=-2659.556)
total time= 1.5s
[CV 5/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1603.821, test=-2896.491)
total time= 1.5s
[CV 3/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-981.719, test=-3158.964)
total time= 3.8s
[CV 1/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-534.847, test=-2777.472)
total time= 7.6s
[CV 4/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-610.862, test=-3059.368)
total time= 7.6s
[CV 5/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-167.453, test=-3089.460)
total time= 15.2s
[CV 3/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-6.495, test=-3323.209)
total time= 37.8s
[CV 1/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-2896.159)

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total time= 23.0s
[CV 4/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2954.004)
total time= 28.6s
[CV 5/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-92.769, test=-3041.614)
total time= 19.0s
[CV 5/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-6.903, test=-3097.287)
total time= 37.0s
[CV 3/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-91.241, test=-3329.993)
total time= 18.6s
[CV 1/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2122.349, test=-2438.708)
total time= 0.8s
[CV 2/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2037.737, test=-2531.165)
total time= 0.8s
[CV 3/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2031.019, test=-2804.887)
total time= 0.8s
[CV 5/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1994.357, test=-2796.883)
total time= 0.7s
[CV 2/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1730.555, test=-2669.883)
total time= 1.5s
[CV 5/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

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[CV 5/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1603.821, test=-2887.041)
total time= 1.5s
[CV 3/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-981.723, test=-3152.173)
total time= 3.7s
[CV 1/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-534.847, test=-2791.070)
total time= 7.5s
[CV 4/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-610.862, test=-3059.851)
total time= 7.5s
[CV 5/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-167.453, test=-3088.682)
total time= 14.9s
[CV 3/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-5.318, test=-3359.930)
total time= 37.3s
[CV 4/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-198.297, test=-3070.802)
total time= 15.1s
[CV 2/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-6.928, test=-3051.400)
total time= 37.8s
[CV 5/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.674, test=-3183.873)
total time= 11.4s
[CV 3/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3126.781)
total time= 28.6s

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[CV 1/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1131.308, test=-2689.197)
total time= 1.2s
[CV 2/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-983.101, test=-2723.661)
total time= 1.1s
[CV 3/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1112.174, test=-3125.452)
total time= 1.1s
[CV 4/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1131.677, test=-2884.580)
total time= 1.2s
[CV 5/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1133.317, test=-2906.016)
total time= 1.2s
[CV 1/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-522.490, test=-2787.568)
total time= 2.3s
[CV 2/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-487.708, test=-2764.476)
total time= 2.3s
[CV 3/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-442.782, test=-3191.181)
total time= 2.3s
[CV 4/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-490.769, test=-3056.258)
total time= 2.3s
[CV 2/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50;; score=(train=-45.717, test=-2792.382)
total time= 5.7s
[CV 5/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-58.165, test=-3051.686)
total time= 5.7s
[CV 5/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1539.740, test=-2836.798)
total time= 1.5s
[CV 3/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-920.400, test=-3144.524)
total time= 3.8s
[CV 1/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-454.353, test=-2890.941)
total time= 7.6s
[CV 4/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-537.912, test=-2975.386)
total time= 7.6s
[CV 5/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-126.902, test=-3052.724)
total time= 15.1s
[CV 3/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-3.206, test=-3268.190)
total time= 37.5s
[CV 3/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-154.122, test=-3308.251)
total time= 14.9s
[CV 5/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-92.498, test=-3081.921)
total time= 18.8s
[CV 5/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20
[CV 5/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1603.821, test=-2893.596)
total time= 1.5s
[CV 3/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-981.719, test=-3171.819)
total time= 3.7s
[CV 1/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-534.847, test=-2792.844)
total time= 7.4s
[CV 4/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-610.862, test=-3063.206)
total time= 7.5s
[CV 5/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-167.453, test=-3101.689)
total time= 14.9s
[CV 3/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-5.318, test=-3365.036)
total time= 37.0s
[CV 2/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-163.728, test=-3029.732)
total time= 14.9s
[CV 5/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-92.498, test=-3086.852)
total time= 18.8s
[CV 3/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1662.133, test=-2917.696)
total time= 1.5s
[CV 1/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1056.226, test=-2710.268)

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total time= 3.8s
[CV 4/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1076.937, test=-2964.893)
total time= 3.8s
[CV 2/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-544.135, test=-2979.532)
total time= 7.5s
[CV 5/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-509.482, test=-3028.533)
total time= 7.5s
[CV 1/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-102.949, test=-2826.887)
total time= 18.8s
[CV 4/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-8.697, test=-3084.192)
total time= 37.4s
[CV 5/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3185.228)
total time= 22.5s
[CV 2/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2942.786)
total time= 56.3s
[CV 4/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.003, test=-3075.030)
total time= 22.6s
[CV 2/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2772.873)
total time= 56.0s
[CV 4/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

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[CV 4/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.033, test=-2983.568)
total time= 22.6s
[CV 1/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-102.949, test=-2829.503)
total time= 18.9s
[CV 4/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-8.697, test=-3098.695)
total time= 37.5s
[CV 2/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-92.769, test=-3052.731)
total time= 18.7s
[CV 5/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-6.903, test=-3090.909)
total time= 37.5s
[CV 3/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-85.878, test=-3343.644)
total time= 19.2s
[CV 1/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2122.349, test=-2441.819)
total time= 0.8s
[CV 2/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2037.737, test=-2529.362)
total time= 0.8s
[CV 4/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1964.283, test=-2681.274)
total time= 0.7s
[CV 1/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20;; score=(train=-1693.317, test=-2512.421)
total time= 1.5s
[CV 4/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1644.793, test=-2771.618)
total time= 1.5s
[CV 2/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1025.751, test=-2837.828)
total time= 3.8s
[CV 5/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-987.353, test=-2948.011)
total time= 3.8s
[CV 3/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-535.659, test=-3240.344)
total time= 7.6s
[CV 1/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-181.289, test=-2828.028)
total time= 15.2s
[CV 4/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-111.001, test=-3075.542)
total time= 18.9s
[CV 4/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1259.180, test=-2854.387)
total time= 1.2s
[CV 1/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-505.321, test=-2920.946)
total time= 2.3s
[CV 4/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-533.350, test=-2814.309)
total time= 2.3s
[CV 2/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50
[CV 2/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-37.065, test=-2906.804)
total time= 5.6s
[CV 5/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-31.198, test=-3185.930)
total time= 5.6s
[CV 3/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.880, test=-3134.637)
total time= 11.4s
[CV 4/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3064.574)
total time= 23.0s
[CV 3/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3124.885)
total time= 56.4s
[CV 5/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-2973.495)
total time= 22.5s
[CV 3/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3238.405)
total time= 56.4s
[CV 5/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.032, test=-3186.411)
total time= 22.8s
[CV 3/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3229.328)
total time= 57.4s
[CV 5/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.196, test=-3105.273)

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total time= 22.8s
[CV 3/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1.193, test=-2946.683)
total time= 11.4s
[CV 2/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2968.884)
total time= 28.3s
[CV 5/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3162.426)
total time= 56.0s
[CV 3/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3223.394)
total time= 28.5s
[CV 1/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1210.345, test=-2629.432)
total time= 1.1s
[CV 2/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1453.681, test=-2707.124)
total time= 1.2s
[CV 3/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1128.286, test=-3090.934)
total time= 1.1s
[CV 4/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1483.635, test=-2802.406)
total time= 1.2s
[CV 5/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1260.952, test=-3006.870)
total time= 1.2s

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[CV 1/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-609.603, test=-2717.481)
total time= 2.3s
[CV 3/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-589.445, test=-3179.975)
total time= 2.3s
[CV 5/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-574.957, test=-3111.520)
total time= 2.3s
[CV 3/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-123.319, test=-3237.719)
total time= 5.7s
[CV 1/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-10.185, test=-2739.761)
total time= 11.4s
[CV 4/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-6.173, test=-2969.480)
total time= 11.4s
[CV 2/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.025, test=-2865.579)
total time= 22.7s
[CV 5/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.004, test=-3114.347)
total time= 28.9s
[CV 2/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-196.493, test=-2930.022)
total time= 5.8s
[CV 5/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50;; score=(train=-183.435, test=-3108.874)
total time= 5.7s
[CV 3/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-26.325, test=-3194.075)
total time= 11.6s
[CV 1/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.266, test=-2815.256)
total time= 22.8s
[CV 4/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.037, test=-3098.424)
total time= 28.5s
[CV 5/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1303.442, test=-2935.694)
total time= 1.1s
[CV 2/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-802.434, test=-2864.210)
total time= 2.3s
[CV 4/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-748.272, test=-2919.376)
total time= 2.2s
[CV 2/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-167.314, test=-2916.444)
total time= 5.6s
[CV 5/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-172.164, test=-3021.982)
total time= 5.7s
[CV 3/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-8.156, test=-3081.088)
total time= 11.1s
[CV 1/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200
[CV 5/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-480.524, test=-2975.267)
total time= 2.3s
[CV 3/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-49.732, test=-3213.003)
total time= 5.7s
[CV 1/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1.197, test=-2792.377)
total time= 11.4s
[CV 4/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2.404, test=-3091.815)
total time= 11.5s
[CV 2/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-2772.012)
total time= 22.6s
[CV 5/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2991.591)
total time= 28.2s
[CV 2/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-137.411, test=-2831.846)
total time= 5.7s
[CV 5/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-88.104, test=-3187.117)
total time= 5.6s
[CV 3/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-10.602, test=-3223.539)
total time= 11.4s
[CV 1/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.030, test=-2810.155)

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total time= 22.7s
[CV 4/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3002.625)
total time= 28.3s
[CV 3/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1398.613, test=-2953.103)
total time= 1.1s
[CV 5/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1373.641, test=-3046.221)
total time= 1.1s
[CV 2/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-902.018, test=-2816.908)
total time= 2.3s
[CV 4/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-870.550, test=-2987.112)
total time= 2.3s
[CV 1/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-247.267, test=-2843.937)
total time= 5.7s
[CV 4/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-212.843, test=-3107.787)
total time= 5.7s
[CV 2/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-17.501, test=-2937.240)
total time= 11.3s
[CV 5/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-23.293, test=-3090.801)
total time= 11.4s
[CV 1/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 1/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.054, test=-2867.574)
total time= 28.4s

[CV 4/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 4/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3115.569)
total time= 56.5s

[CV 2/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 2/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.023, test=-2932.224)
total time= 28.1s

[CV 5/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 5/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3054.648)
total time= 55.1s

[CV 3/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 3/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.006, test=-3079.020)
total time= 27.6s

[CV 1/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 1/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1487.176, test=-2657.845)
total time= 1.1s

[CV 2/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 2/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1366.783, test=-2712.988)
total time= 1.1s

[CV 4/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 4/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1344.629, test=-2818.624)
total time= 1.1s

[CV 1/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 1/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-752.673, test=-2776.936)
total time= 2.2s

[CV 3/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 3/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-680.059, test=-3031.444)
total time= 2.2s

[CV 5/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-393.698, test=-3153.596)
total time= 2.2s

[CV 3/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 3/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-49.026, test=-3122.689)
total time= 5.7s

[CV 1/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 1/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1.584, test=-2955.720)
total time= 11.5s

[CV 2/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 2/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-2959.819)
total time= 22.8s

[CV 5/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 5/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3181.164)
total time= 28.3s

[CV 1/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 1/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-37.532, test=-2727.633)
total time= 5.6s

[CV 4/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 4/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-72.522, test=-3092.053)
total time= 5.7s

[CV 2/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 2/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.767, test=-2777.973)
total time= 11.3s

[CV 5/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 5/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1.338, test=-3046.856)
total time= 11.4s

[CV 1/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 1/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2825.228)
total time= 28.2s

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[CV 4/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3067.268)
total time= 56.9s
[CV 2/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.001, test=-2843.887)
total time= 28.3s
[CV 5/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3187.528)
total time= 56.7s
[CV 3/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.048, test=-3209.132)
total time= 28.5s
[CV 1/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1487.176, test=-2654.311)
total time= 1.2s
[CV 2/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1384.933, test=-2704.509)
total time= 1.1s
[CV 3/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1153.950, test=-2962.143)
total time= 1.1s
[CV 4/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1344.622, test=-2821.783)
total time= 1.1s
[CV 1/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-752.673, test=-2760.335)
total time= 2.3s
[CV 3/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20;; score=(train=-680.059, test=-3011.607)
total time= 2.2s
[CV 5/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-791.122, test=-3065.806)
total time= 2.3s
[CV 3/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-121.740, test=-3076.664)
total time= 5.6s
[CV 1/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-14.569, test=-2841.969)
total time= 11.2s
[CV 4/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-15.344, test=-2974.533)
total time= 11.2s
[CV 3/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.052, test=-3067.442)
total time= 22.1s
[CV 1/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2832.176)
total time= 55.4s
[CV 2/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.193, test=-2846.149)
total time= 22.5s
[CV 5/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.008, test=-3047.293)
total time= 27.8s
[CV 5/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-690.967, test=-3033.957)
total time= 2.2s
[CV 5/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500;; score=(train=-6.903, test=-3092.280)
total time= 37.1s
[CV 1/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2949.519)
total time= 28.4s
[CV 4/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3031.030)
total time= 56.3s
[CV 2/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2786.834)
total time= 28.3s
[CV 5/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2944.531)
total time= 56.2s
[CV 3/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.004, test=-3233.524)
total time= 28.2s
[CV 1/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1498.689, test=-2668.594)
total time= 1.1s
[CV 2/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1478.936, test=-2696.257)
total time= 1.1s
[CV 4/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1519.746, test=-2797.253)
total time= 1.2s
[CV 1/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-924.207, test=-2794.613)
total time= 2.3s
[CV 3/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=20
[CV 3/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-850.505, test=-3078.839)
total time= 2.3s
[CV 5/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-714.129, test=-3031.605)
total time= 2.2s
[CV 3/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-216.082, test=-3200.044)
total time= 5.7s
[CV 1/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-27.853, test=-2839.659)
total time= 11.4s
[CV 4/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-23.131, test=-3113.645)
total time= 11.4s
[CV 4/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.239, test=-3110.613)
total time= 22.5s
[CV 2/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2940.560)
total time= 56.7s
[CV 2/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.216, test=-2890.716)
total time= 22.4s
[CV 5/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.008, test=-3044.160)
total time= 28.0s
[CV 2/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-200.722, test=-2845.004)

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total time= 5.7s
[CV 5/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-172.164, test=-3044.876)
total time= 5.6s
[CV 3/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-8.156, test=-3073.779)
total time= 11.0s
[CV 1/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.131, test=-2829.020)
total time= 22.2s
[CV 4/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.022, test=-2935.290)
total time= 27.9s
[CV 3/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1153.950, test=-2960.749)
total time= 1.1s
[CV 5/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1301.360, test=-2962.165)
total time= 1.1s
[CV 2/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-785.517, test=-2924.148)
total time= 2.3s
[CV 4/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-799.672, test=-2923.751)
total time= 2.3s
[CV 2/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-176.869, test=-2878.580)
total time= 5.6s
[CV 3/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

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[CV 3/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.997, test=-3248.006)
total time= 11.4s
[CV 1/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.002, test=-2718.212)
total time= 23.0s
[CV 4/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3073.377)
total time= 28.5s
[CV 2/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-732.436, test=-2809.352)
total time= 2.3s
[CV 4/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-862.484, test=-2877.647)
total time= 2.4s
[CV 1/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-150.267, test=-2728.690)
total time= 5.7s
[CV 4/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-154.533, test=-2976.346)
total time= 5.8s
[CV 2/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-5.516, test=-2847.459)
total time= 11.2s
[CV 5/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-6.172, test=-3199.463)
total time= 11.3s
[CV 1/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.004, test=-2741.463)
total time= 28.3s

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[CV 4/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 4/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2991.209) total time= 56.5s

[CV 2/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 2/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-0.027, test=-2952.353) total time= 28.2s

[CV 5/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 5/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3130.330) total time= 56.6s

[CV 3/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 3/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-0.006, test=-3069.869) total time= 27.4s

[CV 1/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 1/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1487.176, test=-2654.202) total time= 1.2s

[CV 2/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 2/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1366.783, test=-2721.951) total time= 1.1s

[CV 3/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 3/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1153.950, test=-2962.786) total time= 1.1s

[CV 5/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 5/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1301.360, test=-2954.687) total time= 1.1s

[CV 2/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 2/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-844.602, test=-2795.028) total time= 2.3s

[CV 4/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 4/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20;; score=(train=-878.391, test=-2930.964)
total time= 2.3s
[CV 1/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-181.401, test=-2820.342)
total time= 5.6s
[CV 4/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-188.163, test=-2995.119)
total time= 5.7s
[CV 2/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-16.460, test=-2876.223)
total time= 11.2s
[CV 5/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-13.696, test=-3063.598)
total time= 11.2s
[CV 1/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.013, test=-2845.024)
total time= 27.6s
[CV 4/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3046.189)
total time= 55.5s
[CV 2/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.026, test=-2985.658)
total time= 27.9s
[CV 5/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3055.314)
total time= 55.0s
[CV 3/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2754.051)
total time= 57.0s
[CV 2/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 2/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.224, test=-2941.077)
total time= 22.4s
[CV 5/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.024, test=-3115.484)
total time= 28.0s
[CV 1/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-181.401, test=-2830.005)
total time= 5.6s
[CV 4/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-199.248, test=-2989.172)
total time= 5.6s
[CV 2/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-14.374, test=-2867.192)
total time= 11.0s
[CV 5/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-12.879, test=-3052.088)
total time= 11.1s
[CV 1/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.013, test=-2839.905)
total time= 27.5s
[CV 4/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2978.332)
total time= 56.1s
[CV 2/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.017, test=-2868.334)
total time= 27.9s
[CV 5/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3042.488)

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total time= 55.0s
[CV 3/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.006, test=-3077.083)
total time= 27.3s
[CV 1/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1470.551, test=-2705.769)
total time= 1.1s
[CV 2/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1607.695, test=-2668.586)
total time= 1.1s
[CV 3/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1323.207, test=-2916.642)
total time= 1.1s
[CV 4/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1457.075, test=-2805.919)
total time= 1.1s
[CV 5/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1311.283, test=-2834.211)
total time= 1.1s
[CV 2/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1018.958, test=-2815.040)
total time= 2.3s
[CV 4/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-894.546, test=-2897.788)
total time= 2.3s
[CV 2/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-284.203, test=-2890.538)
total time= 5.7s
[CV 5/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

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[CV 5/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-181.761, test=-3020.733)
total time= 5.6s

[CV 3/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 3/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-28.907, test=-3082.768)
total time= 11.3s

[CV 1/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 1/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.876, test=-2904.308)
total time= 22.4s

[CV 4/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 4/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.129, test=-3014.740)
total time= 28.0s

[CV 5/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 5/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1497.469, test=-2834.612)
total time= 1.1s

[CV 2/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 2/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1050.113, test=-2840.980)
total time= 2.2s

[CV 4/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 4/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1054.446, test=-2948.810)
total time= 2.3s

[CV 2/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 2/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-324.938, test=-2953.354)
total time= 5.5s

[CV 5/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 5/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-284.753, test=-3048.662)
total time= 5.5s

[CV 3/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1204.370, test=-3013.450)
total time= 1.1s

[CV 5/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

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[CV 5/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1112.468, test=-3003.787)
total time= 1.1s
[CV 3/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-532.571, test=-3098.982)
total time= 2.3s
[CV 1/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-58.164, test=-2958.931)
total time= 5.7s
[CV 4/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-61.784, test=-3007.474)
total time= 5.8s
[CV 2/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1.187, test=-2958.131)
total time= 11.4s
[CV 3/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3129.510)
total time= 22.7s
[CV 1/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2936.433)
total time= 56.9s
[CV 3/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3241.608)
total time= 22.7s
[CV 1/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2748.849)
total time= 56.3s
[CV 3/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.043, test=-3203.945)
total time= 22.8s

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[CV 2/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 2/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2853.271)
total time= 57.1s

[CV 3/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-0.348, test=-3202.601)
total time= 23.0s

[CV 1/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 1/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2862.995)
total time= 57.4s

[CV 4/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 4/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-0.199, test=-2945.940)
total time= 22.6s

[CV 2/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 2/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2906.629)
total time= 56.4s

[CV 5/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 5/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-0.090, test=-3054.470)
total time= 22.3s

[CV 3/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 3/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3083.697)
total time= 55.7s

[CV 4/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 4/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-0.174, test=-2999.857)
total time= 22.5s

[CV 2/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 2/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2933.649)
total time= 55.8s

[CV 3/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 3/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-0.464, test=-3085.716)
total time= 22.0s
[CV 1/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2896.757)
total time= 55.4s
[CV 2/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1.782, test=-2980.178)
total time= 21.6s
[CV 5/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.324, test=-3093.324)
total time= 27.2s
[CV 4/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-924.594, test=-3018.677)
total time= 2.2s
[CV 2/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-324.938, test=-2945.277)
total time= 5.5s
[CV 5/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-284.753, test=-3053.911)
total time= 5.5s
[CV 3/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-48.521, test=-3284.925)
total time= 10.9s
[CV 1/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1.612, test=-2931.388)
total time= 22.0s
[CV 5/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-172.164, test=-3044.951)
total time= 5.6s
[CV 3/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 3/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-8.156, test=-3061.643)
total time= 11.0s
[CV 1/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.131, test=-2828.708)
total time= 22.3s
[CV 4/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.021, test=-3002.677)
total time= 27.9s
[CV 1/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-874.931, test=-2780.677)
total time= 2.2s
[CV 3/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-871.110, test=-2991.643)
total time= 2.3s
[CV 1/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-244.465, test=-2891.182)
total time= 5.6s
[CV 4/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-283.049, test=-2992.276)
total time= 5.6s
[CV 2/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-38.121, test=-2909.530)
total time= 11.2s
[CV 5/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-27.164, test=-3027.849)
total time= 11.1s
[CV 1/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.158, test=-2904.938)

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total time= 27.9s
[CV 4/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3005.975)
total time= 56.0s
[CV 2/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.395, test=-2978.215)
total time= 27.2s
[CV 5/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3088.060)
total time= 53.9s
[CV 3/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.200, test=-3294.878)
total time= 27.2s
[CV 1/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1467.549, test=-2696.377)
total time= 1.1s
[CV 2/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1595.499, test=-2713.080)
total time= 1.1s
[CV 3/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1326.153, test=-3037.634)
total time= 1.1s
[CV 5/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1497.469, test=-2837.224)
total time= 1.1s
[CV 2/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1050.113, test=-2842.849)
total time= 2.2s
[CV 4/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

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[CV 4/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-924.594, test=-2995.118)
total time= 2.2s

[CV 2/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 2/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-324.938, test=-2955.493)
total time= 5.5s

[CV 5/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 5/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-284.753, test=-3052.302)
total time= 5.5s

[CV 3/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 3/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-52.556, test=-3264.354)
total time= 11.1s

[CV 1/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 1/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1.612, test=-2931.366)
total time= 21.9s

[CV 4/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 4/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.281, test=-3171.724)
total time= 27.3s

[CV 4/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 4/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1421.259, test=-2902.122)
total time= 1.1s

[CV 1/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 1/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-944.237, test=-2859.700)
total time= 2.2s

[CV 3/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 1/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.131, test=-2828.800)
total time= 22.2s

[CV 4/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 4/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.010, test=-2981.429)
total time= 27.9s

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[CV 4/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1344.614, test=-2821.979)
total time= 1.1s
[CV 1/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-752.673, test=-2775.372)
total time= 2.2s
[CV 3/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-680.059, test=-3017.985)
total time= 2.2s
[CV 5/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-690.967, test=-3024.907)
total time= 2.2s
[CV 3/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-121.740, test=-3069.947)
total time= 5.5s
[CV 1/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-14.569, test=-2831.557)
total time= 11.0s
[CV 4/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-15.797, test=-2997.612)
total time= 11.1s
[CV 4/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.125, test=-3040.517)
total time= 22.0s
[CV 2/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2916.047)
total time= 54.9s
[CV 2/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=200;; score=(train=-0.163, test=-2842.870)
total time= 22.3s
[CV 1/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2839.882)
total time= 55.4s
[CV 2/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1.140, test=-2919.716)
total time= 22.5s
[CV 5/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.109, test=-3034.236)
total time= 28.1s
[CV 5/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-941.713, test=-2963.963)
total time= 2.2s
[CV 3/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-296.510, test=-3267.880)
total time= 5.5s
[CV 1/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-66.576, test=-2865.257)
total time= 11.1s
[CV 4/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-34.164, test=-3179.738)
total time= 10.9s
[CV 5/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2.047, test=-3086.880)
total time= 21.9s
[CV 3/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3296.754)
total time= 54.6s
[CV 3/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 3/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1.461, test=-3301.110)
total time= 21.9s
[CV 1/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2870.986)
total time= 55.3s
[CV 3/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2.290, test=-3313.393)
total time= 22.3s
[CV 1/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2832.813)
total time= 54.9s
[CV 2/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.782, test=-2986.397)
total time= 22.0s
[CV 5/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.324, test=-3090.071)
total time= 27.7s
[CV 4/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1050.671, test=-2733.623)
total time= 2.2s
[CV 2/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-487.359, test=-2913.811)
total time= 5.6s
[CV 3/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-121.740, test=-3068.280)
total time= 5.5s
[CV 1/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-14.569, test=-2838.064)

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total time= 11.2s
[CV 4/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-16.832, test=-3004.090)
total time= 11.1s
[CV 5/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.090, test=-3063.811)
total time= 22.1s
[CV 3/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3074.371)
total time= 55.3s
[CV 4/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.891, test=-3007.150)
total time= 22.4s
[CV 3/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3075.024)
total time= 55.3s
[CV 3/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1.461, test=-3301.524)
total time= 22.2s
[CV 1/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2920.312)
total time= 55.2s
[CV 4/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1.467, test=-3172.945)
total time= 21.9s
[CV 2/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2977.142)
total time= 54.8s
[CV 2/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 2/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1.782, test=-2980.913)
total time= 21.9s

[CV 5/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.324, test=-3086.391)
total time= 27.4s

[CV 4/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 4/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-924.594, test=-2992.826)
total time= 2.2s

[CV 3/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 3/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-272.229, test=-3290.420)
total time= 5.5s

[CV 5/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 5/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-284.753, test=-3055.520)
total time= 5.5s

[CV 3/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 3/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-38.360, test=-3299.150)
total time= 10.9s

[CV 1/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 1/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.612, test=-2920.567)
total time= 21.7s

[CV 4/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 4/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.281, test=-3176.983)
total time= 27.2s

[CV 2/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 2/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1626.856, test=-2677.608)
total time= 1.1s

[CV 4/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 4/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1594.921, test=-2668.402)
total time= 1.1s

[CV 1/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1098.111, test=-2813.292)
total time= 2.2s
[CV 3/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1091.123, test=-3184.874)
total time= 2.2s
[CV 1/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-402.641, test=-2896.438)
total time= 5.5s
[CV 4/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-427.965, test=-2864.845)
total time= 5.5s
[CV 2/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-101.170, test=-2953.838)
total time= 11.0s
[CV 5/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-74.933, test=-3069.604)
total time= 11.0s
[CV 1/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.235, test=-2938.819)
total time= 27.3s
[CV 4/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-59.234, test=-3280.393)
total time= 11.1s
[CV 1/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1.538, test=-2828.156)
total time= 21.8s
[CV 4/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250
[CV 4/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.281, test=-3170.434)
total time= 27.0s
[CV 2/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1595.499, test=-2702.858)
total time= 1.1s
[CV 4/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1421.259, test=-2906.155)
total time= 1.1s
[CV 1/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-890.945, test=-2813.095)
total time= 2.1s
[CV 3/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-885.348, test=-3174.336)
total time= 2.2s
[CV 1/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-312.623, test=-2869.265)
total time= 5.5s
[CV 4/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-277.642, test=-3146.500)
total time= 5.5s
[CV 2/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-51.841, test=-2969.614)
total time= 10.8s
[CV 5/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-56.753, test=-3084.614)
total time= 11.1s
[CV 1/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.328, test=-2923.581)

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total time= 27.4s
[CV 4/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3178.839)
total time= 54.8s
[CV 2/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.395, test=-2988.192)
total time= 27.6s
[CV 5/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3090.559)
total time= 54.4s
[CV 3/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.438, test=-3328.691)
total time= 28.0s
[CV 1/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1613.650, test=-2708.652)
total time= 1.1s
[CV 3/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1605.013, test=-2959.406)
total time= 1.1s
[CV 5/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1588.384, test=-2932.654)
total time= 1.1s
[CV 2/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1154.008, test=-2763.807)
total time= 2.2s
[CV 5/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1007.535, test=-3027.006)
total time= 2.2s
[CV 3/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

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[CV 3/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-445.466, test=-3311.435)
total time= 5.6s
[CV 5/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-407.849, test=-3008.769)
total time= 5.4s
[CV 3/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-95.326, test=-3354.075)
total time= 10.9s
[CV 1/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-4.966, test=-2948.249)
total time= 21.8s
[CV 4/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.081, test=-2918.544)
total time= 26.9s
[CV 3/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1671.400, test=-2992.206)
total time= 1.1s
[CV 5/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1524.382, test=-2856.026)
total time= 1.1s
[CV 2/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-181.401, test=-2829.540)
total time= 5.6s
[CV 4/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-221.383, test=-2917.321)
total time= 5.7s
[CV 2/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-13.242, test=-2948.952)
total time= 11.1s
[CV 5/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-13.696, test=-3073.647)
total time= 11.2s
[CV 1/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.013, test=-2841.528)
total time= 27.7s
[CV 4/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3028.030)
total time= 55.7s
[CV 2/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.170, test=-2920.156)
total time= 28.0s
[CV 5/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3043.716)
total time= 55.4s
[CV 3/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.240, test=-3202.471)
total time= 27.4s
[CV 1/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1467.549, test=-2700.093)
total time= 1.0s
[CV 3/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1521.634, test=-3078.644)
total time= 1.1s
[CV 5/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1497.469, test=-2846.195)
total time= 1.1s
[CV 2/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20
[CV 2/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1050.113, test=-2849.032)
total time= 2.3s
[CV 5/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-941.713, test=-2968.040)
total time= 2.2s
[CV 3/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-247.479, test=-3177.688)
total time= 5.5s
[CV 1/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-54.566, test=-2920.026)
total time= 11.1s
[CV 4/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-34.164, test=-3171.191)
total time= 11.0s
[CV 5/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2.047, test=-3093.131)
total time= 22.0s
[CV 3/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3208.382)
total time= 54.6s
[CV 4/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1.467, test=-3173.591)
total time= 21.9s
[CV 2/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2985.486)
total time= 55.0s
[CV 3/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.375, test=-3204.289)

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total time= 21.9s
[CV 1/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2826.002)
total time= 55.4s
[CV 2/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-5.675, test=-2963.876)
total time= 21.6s
[CV 5/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.105, test=-3022.806)
total time= 27.1s
[CV 3/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1091.123, test=-3194.003)
total time= 2.2s
[CV 1/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-402.641, test=-2899.444)
total time= 5.5s
[CV 4/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-425.467, test=-2818.464)
total time= 5.5s
[CV 2/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.071, test=-3079.376)
total time= 27.9s
[CV 1/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1481.002, test=-2666.819)
total time= 1.1s
[CV 2/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1595.499, test=-2708.567)
total time= 1.1s
[CV 3/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

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[CV 3/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1521.623, test=-3078.751)
total time= 1.1s
[CV 4/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1421.259, test=-2902.872)
total time= 1.1s
[CV 1/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-914.560, test=-2764.860)
total time= 2.2s
[CV 3/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-951.376, test=-3188.537)
total time= 2.2s
[CV 1/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-297.326, test=-2788.794)
total time= 5.4s
[CV 4/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-277.642, test=-3152.298)
total time= 5.5s
[CV 2/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-51.841, test=-2974.232)
total time= 10.9s
[CV 5/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-56.753, test=-3089.687)
total time= 11.2s
[CV 1/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.287, test=-2820.476)
total time= 27.4s
[CV 4/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3175.105)
total time= 54.8s

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[CV 2/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.395, test=-2987.247)
total time= 27.6s
[CV 5/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3073.625)
total time= 54.1s
[CV 3/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.240, test=-3208.016)
total time= 27.1s
[CV 1/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1471.315, test=-2661.714)
total time= 1.1s
[CV 2/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1595.499, test=-2706.359)
total time= 1.1s
[CV 3/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1521.623, test=-3081.409)
total time= 1.1s
[CV 5/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1497.469, test=-2836.464)
total time= 1.1s
[CV 2/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1050.113, test=-2842.866)
total time= 2.2s
[CV 5/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-941.713, test=-2964.027)
total time= 2.2s
[CV 2/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50;; score=(train=-324.938, test=-2940.518)
total time= 5.5s
[CV 1/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-54.566, test=-2925.806)
total time= 10.9s
[CV 4/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-34.164, test=-3167.571)
total time= 10.9s
[CV 5/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2.047, test=-3084.907)
total time= 22.3s
[CV 3/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3296.532)
total time= 55.0s
[CV 3/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-5.323, test=-3194.579)
total time= 21.9s
[CV 1/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.002, test=-2939.317)
total time= 54.4s
[CV 4/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.281, test=-3175.443)
total time= 27.3s
[CV 4/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1421.259, test=-2899.552)
total time= 1.1s
[CV 1/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-914.560, test=-2767.571)
total time= 2.2s
[CV 3/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20
[CV 3/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-885.348, test=-3172.299)
total time= 2.2s
[CV 1/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-270.152, test=-2807.483)
total time= 5.5s
[CV 4/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-288.853, test=-3059.585)
total time= 5.5s
[CV 2/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-51.841, test=-2974.681)
total time= 11.0s
[CV 5/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-56.753, test=-3079.210)
total time= 11.2s
[CV 1/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.287, test=-2830.981)
total time= 27.3s
[CV 4/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3168.237)
total time= 55.0s
[CV 2/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.395, test=-2981.901)
total time= 27.7s
[CV 5/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3081.700)
total time= 54.9s
[CV 3/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.288, test=-3175.929)

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total time= 27.1s
[CV 1/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1613.650, test=-2722.462)
total time= 1.1s
[CV 2/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1626.856, test=-2677.285)
total time= 1.1s
[CV 4/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1594.972, test=-2669.450)
total time= 1.1s
[CV 1/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1098.111, test=-2816.524)
total time= 2.2s
[CV 4/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1050.671, test=-2736.310)
total time= 2.2s
[CV 2/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-487.359, test=-2907.927)
total time= 5.5s
[CV 5/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-419.983, test=-3055.120)
total time= 5.5s
[CV 3/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-83.787, test=-3207.232)
total time= 10.8s
[CV 1/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-4.966, test=-2939.913)
total time= 20.5s
[CV 4/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

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[CV 4/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.273, test=-2877.657)
total time= 27.2s
[CV 2/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1626.856, test=-2680.733)
total time= 1.1s
[CV 4/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1595.008, test=-2668.019)
total time= 1.2s
[CV 1/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1098.111, test=-2824.818)
total time= 2.1s
[CV 3/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1176.405, test=-3019.985)
total time= 2.2s
[CV 1/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-402.641, test=-2889.292)
total time= 5.4s
[CV 4/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3206.814)
total time= 57.3s
[CV 5/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.092, test=-3038.937)
total time= 22.2s
[CV 3/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3067.024)
total time= 55.6s
[CV 3/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.052, test=-3069.157)
total time= 22.1s

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[CV 1/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2840.742)
total time= 55.3s
[CV 3/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 3/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-0.052, test=-3071.472)
total time= 21.9s
[CV 5/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 5/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-0.009, test=-3062.790)
total time= 27.4s
[CV 5/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 5/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-860.067, test=-2930.772)
total time= 2.2s
[CV 3/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 3/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-251.503, test=-3078.861)
total time= 5.6s
[CV 1/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 1/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-40.563, test=-2888.425)
total time= 11.2s
[CV 4/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 4/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-36.863, test=-3018.550)
total time= 11.2s
[CV 5/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-0.645, test=-3032.102)
total time= 22.2s
[CV 2/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 2/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2911.078)
total time= 55.7s
[CV 4/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 4/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200;; score=(train=-2.433, test=-3001.800)
total time= 22.1s
[CV 2/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2991.195)
total time= 54.6s
[CV 2/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1.782, test=-2976.404)
total time= 21.7s
[CV 5/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.324, test=-3088.323)
total time= 27.1s
[CV 5/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-941.713, test=-2970.399)
total time= 2.2s
[CV 3/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-314.254, test=-3290.042)
total time= 5.5s
[CV 1/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-48.163, test=-2814.739)
total time= 11.0s
[CV 4/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-34.164, test=-3177.149)
total time= 10.9s
[CV 5/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2.047, test=-3095.948)
total time= 22.2s
[CV 3/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3290.010)
total time= 55.0s
[CV 4/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200
[CV 4/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.467, test=-3177.899)
total time= 21.9s
[CV 2/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2970.453)
total time= 55.8s
[CV 4/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-5.145, test=-2850.640)
total time= 21.9s
[CV 2/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.003, test=-2964.218)
total time= 54.6s
[CV 3/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-4.547, test=-3359.815)
total time= 22.4s
[CV 1/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.002, test=-2941.186)
total time= 54.6s
[CV 2/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-5.675, test=-2958.570)
total time= 21.7s
[CV 5/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.153, test=-3066.707)
total time= 26.8s
[CV 5/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-994.343, test=-2979.218)
total time= 2.1s
[CV 3/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-445.466, test=-3310.443)

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total time= 5.5s
[CV 5/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-407.849, test=-2989.693)
total time= 5.4s
[CV 3/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-93.628, test=-3184.390)
total time= 10.8s
[CV 1/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-4.966, test=-2937.695)
total time= 21.5s
[CV 4/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.254, test=-2843.132)
total time= 26.9s
[CV 3/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1696.599, test=-2997.250)
total time= 1.1s
[CV 5/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1521.421, test=-2840.867)
total time= 1.1s
[CV 2/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1154.008, test=-2773.711)
total time= 2.2s
[CV 4/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1050.565, test=-2749.455)
total time= 2.1s
[CV 2/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-376.020, test=-3008.963)
total time= 5.4s
[CV 5/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

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[CV 5/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-407.849, test=-3009.411)
total time= 5.4s

[CV 3/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 3/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-84.339, test=-3269.463)
total time= 10.8s

[CV 1/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 1/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-4.966, test=-2934.750)
total time= 21.5s

[CV 4/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 4/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.081, test=-2914.363)
total time= 27.1s

[CV 1/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 1/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1948.895, test=-2754.133)
total time= 1.0s

[CV 3/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 3/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1939.503, test=-3011.316)
total time= 1.0s

[CV 5/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 5/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1880.762, test=-2974.147)
total time= 1.0s

[CV 2/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 2/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1444.368, test=-3066.355)
total time= 2.4s

[CV 5/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 5/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1387.230, test=-3155.182)
total time= 2.5s

[CV 3/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 3/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-859.221, test=-3315.523)
total time= 5.0s

[CV 1/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200

[CV 1/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-368.388, test=-3044.092) total time= 9.8s

[CV 4/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200

[CV 4/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-419.313, test=-3211.027) total time= 9.9s

[CV 5/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250

[CV 5/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-237.339, test=-3319.719) total time= 12.2s

[CV 2/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10

[CV 2/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2209.258, test=-2671.079) total time= 0.5s

[CV 4/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10

[CV 4/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2248.647, test=-2612.715) total time= 0.5s

[CV 1/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20

[CV 3/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-957.460, test=-3164.474) total time= 2.2s

[CV 1/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50

[CV 1/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-282.914, test=-2911.113) total time= 5.5s

[CV 4/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50

[CV 4/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-277.642, test=-3148.340) total time= 5.5s

[CV 2/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100

[CV 2/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-51.841, test=-2974.721) total time= 10.9s

[CV 5/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100

[CV 5/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100;; score=(train=-56.753, test=-3082.735)
total time= 11.1s
[CV 1/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.287, test=-2827.230)
total time= 27.4s
[CV 4/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3161.503)
total time= 55.0s
[CV 2/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.515, test=-2960.845)
total time= 27.4s
[CV 5/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3137.947)
total time= 54.4s
[CV 3/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.152, test=-3283.372)
total time= 27.3s
[CV 1/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1613.650, test=-2725.722)
total time= 1.1s
[CV 3/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1671.400, test=-2986.457)
total time= 1.1s
[CV 5/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1521.421, test=-2846.471)
total time= 1.2s
[CV 2/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1154.008, test=-2759.560)
total time= 2.2s
[CV 4/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20
[CV 4/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1050.543, test=-2749.208)
total time= 2.1s
[CV 2/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-487.359, test=-2902.997)
total time= 5.6s
[CV 1/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-94.260, test=-2934.386)
total time= 10.9s
[CV 4/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-82.460, test=-2866.452)
total time= 10.9s
[CV 5/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-4.419, test=-3068.662)
total time= 21.5s
[CV 3/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3175.006)
total time= 53.5s
[CV 2/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-5.675, test=-2965.927)
total time= 21.7s
[CV 1/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-2932.973)
total time= 54.5s
[CV 2/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-242.789, test=-3250.711)
total time= 12.1s
[CV 4/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-42.877, test=-3255.628)

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total time= 24.5s
[CV 3/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-258.641, test=-3532.142)
total time= 12.2s
[CV 1/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2191.676, test=-2478.293)
total time= 0.5s
[CV 2/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2226.429, test=-2571.254)
total time= 0.5s
[CV 4/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2227.428, test=-2617.582)
total time= 0.5s
[CV 1/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1946.263, test=-2524.184)
total time= 1.0s
[CV 2/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1154.008, test=-2764.348)
total time= 2.2s
[CV 5/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1044.447, test=-2952.977)
total time= 2.2s
[CV 3/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-445.466, test=-3316.803)
total time= 5.5s
[CV 1/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-94.260, test=-2936.766)
total time= 10.9s
[CV 4/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-85.031, test=-2835.623)

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total time= 10.6s
[CV 5/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-4.771, test=-3033.743)
total time= 21.8s
[CV 3/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3189.029)
total time= 53.7s
[CV 2/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-5.675, test=-2961.681)
total time= 21.6s
[CV 5/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.242, test=-3147.100)
total time= 27.0s
[CV 5/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1006.489, test=-2896.187)
total time= 2.2s
[CV 3/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-445.466, test=-3317.435)
total time= 5.5s
[CV 1/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-94.260, test=-2934.299)
total time= 11.0s
[CV 4/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-82.460, test=-2880.495)
total time= 10.8s
[CV 5/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-4.771, test=-3022.653)
total time= 21.5s
[CV 3/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

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[CV 3/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3357.120)
total time= 53.7s
[CV 4/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-275.798, test=-3242.551)
total time= 12.2s
[CV 1/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2191.496, test=-2535.268)
total time= 0.5s
[CV 3/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2201.971, test=-2818.825)
total time= 0.5s
[CV 5/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2126.856, test=-2806.485)
total time= 0.5s
[CV 3/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1939.503, test=-3011.316)
total time= 1.0s
[CV 1/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1418.813, test=-2899.824)
total time= 2.5s
[CV 4/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1411.503, test=-3004.111)
total time= 2.5s
[CV 2/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-893.281, test=-3094.412)
total time= 4.9s
[CV 5/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-914.573, test=-3006.085)
total time= 4.9s

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[CV 4/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 4/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-395.983, test=-3293.997)
total time= 9.8s
[CV 2/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 2/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-33.219, test=-3322.341)
total time= 24.4s
[CV 3/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 3/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-413.768, test=-3390.429)
total time= 9.9s
[CV 1/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 1/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-49.705, test=-2983.792)
total time= 24.4s
[CV 2/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 2/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-495.449, test=-3183.035)
total time= 9.8s
[CV 4/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-0.002, test=-2842.481)
total time= 55.0s
[CV 2/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 2/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-1.515, test=-2951.206)
total time= 27.1s
[CV 5/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 5/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3076.777)
total time= 53.1s
[CV 3/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 3/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1.073, test=-3357.351)
total time= 26.9s
[CV 1/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 1/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1613.650, test=-2719.127)
total time= 1.1s

[CV 2/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 2/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1626.856, test=-2673.651) total time= 1.1s
[CV 4/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1594.921, test=-2670.347) total time= 1.1s
[CV 1/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1098.111, test=-2824.576) total time= 2.1s
[CV 3/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1176.405, test=-3020.660) total time= 2.2s
[CV 1/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-402.641, test=-2899.262) total time= 5.4s
[CV 4/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 4/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-378.388, test=-2837.330) total time= 5.4s
[CV 2/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 2/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-101.170, test=-2960.160) total time= 10.8s
[CV 5/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 5/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-86.683, test=-3030.309) total time= 10.7s
[CV 1/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 1/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-1.235, test=-2945.400) total time= 27.1s
[CV 4/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 4/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-2856.123)
total time= 54.5s
[CV 3/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-33.807, test=-3411.064)
total time= 24.3s
[CV 1/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-268.228, test=-3160.138)
total time= 12.3s
[CV 4/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-37.308, test=-3292.070)
total time= 24.6s
[CV 3/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-299.401, test=-3407.894)
total time= 12.3s
[CV 1/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2211.344, test=-2545.535)
total time= 0.5s
[CV 3/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2209.267, test=-2848.886)
total time= 0.5s
[CV 1/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2029.555, test=-2713.508)
total time= 1.0s
[CV 4/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1993.912, test=-2689.687)
total time= 1.0s
[CV 2/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1541.391, test=-2860.726)
total time= 2.5s
[CV 5/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50
[CV 5/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1479.264, test=-3060.162)
total time= 2.5s
[CV 3/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-949.547, test=-3459.200)
total time= 4.9s
[CV 1/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-502.564, test=-3310.696)
total time= 9.9s
[CV 3/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-320.435, test=-3429.048)
total time= 12.4s
[CV 1/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2248.584, test=-2599.693)
total time= 0.5s
[CV 1/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-94.260, test=-2929.517)
total time= 11.0s
[CV 4/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-85.031, test=-2835.904)
total time= 10.9s
[CV 5/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-4.419, test=-3073.652)
total time= 21.9s
[CV 3/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3267.166)
total time= 54.4s
[CV 4/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-4.295, test=-2885.245)

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total time= 22.3s
[CV 2/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.003, test=-2961.734)
total time= 54.6s
[CV 4/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-5.145, test=-2850.141)
total time= 21.7s
[CV 2/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.003, test=-2960.004)
total time= 54.1s
[CV 4/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-4.295, test=-2882.734)
total time= 21.5s
[CV 5/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.153, test=-3067.788)
total time= 27.1s
[CV 3/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1398.612, test=-3151.460)
total time= 2.5s
[CV 1/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-870.034, test=-2986.778)
total time= 4.9s
[CV 4/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-883.909, test=-3072.071)
total time= 4.9s
[CV 2/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-366.886, test=-3184.203)
total time= 9.8s
[CV 5/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

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[CV 5/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-354.670, test=-3307.153)
total time= 9.8s
[CV 1/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-33.897, test=-3100.609)
total time= 24.3s
[CV 2/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-367.528, test=-3248.526)
total time= 9.8s
[CV 5/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-263.070, test=-3136.101)
total time= 12.2s
[CV 3/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1941.925, test=-2985.198)
total time= 1.0s
[CV 1/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1390.073, test=-2755.310)
total time= 2.5s
[CV 4/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1417.076, test=-2892.067)
total time= 2.5s
[CV 2/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-998.287, test=-3031.226)
total time= 4.9s
[CV 5/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-960.072, test=-3191.898)
total time= 4.9s
[CV 1/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-310.060, test=-2961.531)
total time= 12.4s

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[CV 4/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 4/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-63.581, test=-3197.949)
total time= 24.5s
[CV 2/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 2/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-364.364, test=-3241.427)
total time= 12.1s
[CV 5/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 5/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-74.440, test=-3359.870)
total time= 24.1s
[CV 3/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 3/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-345.369, test=-3427.681)
total time= 12.1s
[CV 1/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 2/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-78.347, test=-3041.813)
total time= 10.8s
[CV 5/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 5/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-94.988, test=-3063.524)
total time= 11.7s
[CV 1/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 1/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-1.235, test=-2932.760)
total time= 27.2s
[CV 4/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 4/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-0.002, test=-2848.932)
total time= 54.4s
[CV 2/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 2/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-0.982, test=-3048.700)
total time= 26.7s
[CV 5/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 5/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3073.514)
total time= 53.0s
[CV 3/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.073, test=-3359.892)
total time= 26.9s
[CV 1/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2191.496, test=-2535.268)
total time= 0.5s
[CV 2/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2221.731, test=-2621.469)
total time= 0.5s
[CV 3/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2201.971, test=-2814.114)
total time= 0.5s
[CV 4/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2244.340, test=-2591.948)
total time= 0.5s
[CV 5/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2131.760, test=-2834.600)
total time= 0.5s
[CV 2/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1984.417, test=-2824.092)
total time= 1.0s
[CV 4/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1927.609, test=-2769.845)
total time= 1.0s
[CV 1/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1402.533, test=-2838.776)
total time= 2.4s
[CV 4/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50
[CV 4/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1441.046, test=-2956.610)
total time= 2.4s
[CV 2/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-908.264, test=-3155.250)
total time= 4.9s
[CV 5/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-850.921, test=-3254.690)
total time= 4.9s
[CV 3/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-373.865, test=-3405.382)
total time= 9.8s
[CV 1/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-246.502, test=-3113.390)
total time= 12.1s
[CV 2/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-38.295, test=-3241.243)
total time= 24.2s
[CV 5/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-389.336, test=-3086.841)
total time= 9.7s
[CV 3/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-38.951, test=-3546.397)
total time= 24.5s
[CV 5/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-453.284, test=-3301.419)
total time= 9.9s
[CV 3/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-54.505, test=-3430.268)

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total time= 24.4s
[CV 4/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-492.607, test=-3153.535)
total time= 9.8s
[CV 2/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-77.459, test=-3296.319)
total time= 24.4s
[CV 3/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-472.399, test=-3425.555)
total time= 9.8s
[CV 1/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-73.665, test=-3122.690)
total time= 24.3s
[CV 4/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-427.965, test=-2868.678)
total time= 5.5s
[CV 2/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-101.170, test=-2961.567)
total time= 10.9s
[CV 5/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-74.933, test=-3055.913)
total time= 10.7s
[CV 1/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.235, test=-2937.089)
total time= 26.9s
[CV 4/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.002, test=-2884.364)
total time= 54.0s
[CV 2/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.982, test=-3055.084)

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total time= 26.9s
[CV 5/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3056.457)
total time= 53.5s
[CV 2/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1960.562, test=-2762.700)
total time= 1.0s
[CV 5/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1914.854, test=-2832.494)
total time= 1.0s
[CV 3/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1449.988, test=-3258.888)
total time= 2.5s
[CV 1/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-893.811, test=-3019.091)
total time= 4.9s
[CV 4/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-924.474, test=-3110.838)
total time= 5.0s
[CV 3/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-391.398, test=-3539.396)
total time= 9.8s
[CV 1/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-38.713, test=-3163.070)
total time= 24.4s
[CV 2/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-443.253, test=-3179.219)
total time= 9.9s
[CV 5/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

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[CV 5/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-308.857, test=-3294.498)
total time= 12.4s
[CV 5/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2127.531, test=-2823.475)
total time= 0.5s
[CV 3/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1927.090, test=-3081.251)
total time= 1.0s
[CV 1/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1524.022, test=-2923.197)
total time= 2.4s
[CV 4/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1481.247, test=-2989.493)
total time= 2.5s
[CV 2/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1016.372, test=-3034.077)
total time= 4.9s
[CV 5/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-984.973, test=-3208.317)
total time= 5.2s
[CV 1/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-359.982, test=-3352.949)
total time= 12.3s
[CV 4/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-77.549, test=-3199.633)
total time= 24.4s
[CV 2/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-335.414, test=-3258.574)
total time= 12.1s

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[CV 5/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-77.568, test=-3238.200)
total time= 24.2s
[CV 3/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-345.369, test=-3403.610)
total time= 12.0s
[CV 1/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2248.584, test=-2599.033)
total time= 0.5s
[CV 2/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2227.180, test=-2567.949)
total time= 0.5s
[CV 3/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-4.606, test=-3274.968)
total time= 21.8s
[CV 1/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.002, test=-2927.287)
total time= 54.0s
[CV 3/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-4.606, test=-3274.756)
total time= 21.7s
[CV 2/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-2952.552)
total time= 55.2s
[CV 3/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-244.945, test=-3415.815)
total time= 12.3s
[CV 5/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500;; score=(train=-32.523, test=-3336.413)
total time= 24.5s
[CV 4/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-265.712, test=-3256.999)
total time= 12.2s
[CV 3/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2204.219, test=-2853.960)
total time= 0.5s
[CV 5/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2139.104, test=-2819.191)
total time= 0.5s
[CV 2/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1971.441, test=-2740.495)
total time= 1.0s
[CV 5/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1893.620, test=-2886.021)
total time= 1.0s
[CV 3/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1412.208, test=-3169.835)
total time= 2.5s
[CV 1/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-939.579, test=-2776.744)
total time= 4.9s
[CV 4/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-937.676, test=-3034.830)
total time= 4.9s
[CV 4/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-475.294, test=-3138.981)
total time= 9.9s
[CV 2/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500
[CV 2/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-54.722, test=-3192.615)
total time= 24.4s
[CV 3/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-456.377, test=-3466.574)
total time= 9.7s
[CV 1/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-71.053, test=-3365.039)
total time= 24.7s
[CV 2/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-473.990, test=-3201.711)
total time= 9.8s
[CV 5/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-354.082, test=-3233.837)
total time= 12.2s
[CV 4/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1960.713, test=-2814.638)
total time= 1.0s
[CV 2/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1512.850, test=-2919.470)
total time= 2.5s
[CV 5/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1455.332, test=-3007.277)
total time= 2.5s
[CV 3/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1015.064, test=-3289.792)
total time= 5.0s
[CV 1/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-484.822, test=-3093.380)

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total time= 9.9s
[CV 4/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-356.045, test=-3230.720)
total time= 12.3s
[CV 5/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2157.726, test=-2796.622)
total time= 0.5s
[CV 2/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2006.315, test=-2648.122)
total time= 1.0s
[CV 5/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1965.405, test=-2760.545)
total time= 1.0s
[CV 4/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1973.807, test=-2735.642)
total time= 1.0s
[CV 2/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1449.930, test=-2917.051)
total time= 2.5s
[CV 5/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1405.250, test=-2950.864)
total time= 2.5s
[CV 3/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-911.654, test=-3436.005)
total time= 4.9s
[CV 1/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-411.166, test=-3116.461)
total time= 9.8s
[CV 2/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

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[CV 2/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-240.189, test=-3306.364)
total time= 12.2s
[CV 5/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-39.789, test=-3125.457)
total time= 24.4s
[CV 4/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-335.584, test=-3141.762)
total time= 12.3s
[CV 2/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2223.859, test=-2618.289)
total time= 0.5s
[CV 4/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2233.079, test=-2617.721)
total time= 0.5s
[CV 2/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2022.090, test=-2690.864)
total time= 1.0s
[CV 5/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1902.677, test=-2877.224)
total time= 1.0s
[CV 3/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1473.520, test=-3260.774)
total time= 2.5s
[CV 1/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1055.157, test=-3088.490)
total time= 4.9s
[CV 4/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-994.938, test=-3023.851)
total time= 4.9s

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[CV 5/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 5/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-506.644, test=-3306.590) total time= 9.8s
[CV 3/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 3/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-60.061, test=-3496.148) total time= 24.4s
[CV 4/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 4/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-497.872, test=-3195.664) total time= 9.7s
[CV 2/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 2/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-71.463, test=-3276.270) total time= 24.2s
[CV 3/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 3/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-472.399, test=-3417.722) total time= 9.8s
[CV 1/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-73.665, test=-3129.213) total time= 24.2s
[CV 2/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 2/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-473.990, test=-3195.474) total time= 9.7s
[CV 5/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 5/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-354.082, test=-3231.620) total time= 12.1s
[CV 2/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 2/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-2017.851, test=-2617.030) total time= 1.0s
[CV 5/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 5/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20;; score=(train=-1920.159, test=-2975.043)
total time= 1.0s
[CV 3/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1464.164, test=-3157.147)
total time= 2.5s
[CV 1/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1046.160, test=-3037.095)
total time= 4.9s
[CV 4/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-357.077, test=-3367.083)
total time= 12.2s
[CV 5/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2157.726, test=-2796.622)
total time= 0.5s
[CV 3/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2017.227, test=-2928.040)
total time= 1.0s
[CV 1/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1496.729, test=-2876.937)
total time= 2.5s
[CV 4/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1472.446, test=-2978.853)
total time= 2.4s
[CV 2/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-997.141, test=-3092.130)
total time= 4.8s
[CV 5/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-968.565, test=-3093.335)

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total time= 4.9s
[CV 1/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-348.168, test=-3122.877)
total time= 12.2s
[CV 4/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-81.087, test=-3278.159)
total time= 24.3s
[CV 2/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-335.414, test=-3255.955)
total time= 12.2s
[CV 5/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-77.568, test=-3253.453)
total time= 24.2s
[CV 3/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-345.369, test=-3414.071)
total time= 12.1s
[CV 1/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2251.888, test=-2582.768)
total time= 0.5s
[CV 2/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2257.423, test=-2548.516)
total time= 0.5s
[CV 4/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2201.602, test=-2727.564)
total time= 0.5s
[CV 1/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2025.124, test=-2644.497)
total time= 1.0s
[CV 4/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

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[CV 4/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1989.016, test=-2873.473)
total time= 1.0s
[CV 2/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1547.122, test=-2842.268)
total time= 2.5s
[CV 5/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1529.303, test=-3169.588)
total time= 2.4s
[CV 3/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-991.430, test=-3292.028)
total time= 4.8s
[CV 1/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-570.994, test=-3234.488)
total time= 9.7s
[CV 4/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-390.393, test=-3235.997)
total time= 12.1s
[CV 4/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2184.962, test=-2674.725)
total time= 0.5s
[CV 5/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2181.562, test=-2772.454)
total time= 0.5s
[CV 2/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2066.798, test=-2718.219)
total time= 1.0s
[CV 5/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1966.371, test=-2806.261)
total time= 1.0s

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[CV 3/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 3/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-1518.144, test=-3098.960) total time= 2.4s
[CV 1/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 1/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-1036.167, test=-2921.385) total time= 4.8s
[CV 4/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 4/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 4/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-1946.618, test=-2685.129) total time= 1.0s
[CV 2/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 2/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=50;; score=(train=-1469.444, test=-2881.599) total time= 2.4s
[CV 5/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 5/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=50;; score=(train=-1405.406, test=-3110.940) total time= 2.5s
[CV 3/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 3/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-912.952, test=-3328.465) total time= 4.9s
[CV 1/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 1/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-460.343, test=-2946.117) total time= 9.8s
[CV 2/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 2/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-303.213, test=-3170.519) total time= 12.3s
[CV 5/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 5/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-58.379, test=-3307.046) total time= 24.4s
[CV 4/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250
[CV 4/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-345.961, test=-3176.992)
total time= 12.2s
[CV 3/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2219.513, test=-2836.535)
total time= 0.5s
[CV 1/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2003.164, test=-2630.512)
total time= 1.0s
[CV 4/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1960.713, test=-2812.594)
total time= 1.0s
[CV 2/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1512.850, test=-2918.690)
total time= 2.5s
[CV 5/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1455.332, test=-3013.714)
total time= 2.4s
[CV 3/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1015.064, test=-3270.155)
total time= 4.9s
[CV 1/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-484.822, test=-3115.409)
total time= 9.7s
[CV 4/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-356.045, test=-3246.531)
total time= 12.1s
[CV 2/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2006.315, test=-2653.073)

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total time= 1.0s
[CV 5/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1908.701, test=-2904.910)
total time= 1.0s
[CV 3/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1514.470, test=-3198.931)
total time= 2.4s
[CV 1/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1011.416, test=-3027.438)
total time= 4.8s
[CV 4/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-976.596, test=-3088.156)
total time= 4.8s
[CV 4/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-497.872, test=-3225.546)
total time= 9.7s
[CV 2/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-71.463, test=-3257.366)
total time= 23.9s
[CV 3/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-472.399, test=-3407.807)
total time= 9.6s
[CV 1/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-73.665, test=-3134.085)
total time= 24.4s
[CV 2/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-540.177, test=-3091.055)
total time= 9.8s
[CV 1/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 1/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-95.931, test=-3336.160)
total time= 24.5s
[CV 2/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-588.922, test=-3191.015)
total time= 9.7s
[CV 5/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2227.180, test=-2550.791)
total time= 0.5s
[CV 4/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2178.096, test=-2687.140)
total time= 0.5s
[CV 2/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2006.315, test=-2660.824)
total time= 1.0s
[CV 5/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1908.701, test=-2904.910)
total time= 1.0s
[CV 3/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1514.470, test=-3214.406)
total time= 2.4s
[CV 1/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1011.416, test=-3029.078)
total time= 4.9s
[CV 4/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-976.596, test=-3068.393)
total time= 4.9s
[CV 5/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200;; score=(train=-493.945, test=-3210.409)
total time= 9.7s
[CV 3/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-78.482, test=-3463.713)
total time= 24.3s
[CV 5/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-493.945, test=-3229.164)
total time= 9.6s
[CV 3/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-78.482, test=-3466.490)
total time= 24.1s
[CV 4/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-497.872, test=-3188.282)
total time= 9.7s
[CV 2/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-71.463, test=-3266.828)
total time= 24.0s
[CV 3/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-510.790, test=-3418.143)
total time= 9.7s
[CV 5/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-426.040, test=-3319.992)
total time= 12.1s
[CV 3/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1971.406, test=-2894.726)
total time= 1.0s
[CV 2/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1576.405, test=-2930.483)
total time= 2.4s
[CV 5/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50
[CV 5/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1507.339, test=-2981.232)
total time= 2.4s
[CV 3/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1007.127, test=-3350.693)
total time= 4.8s
[CV 1/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-564.482, test=-3047.700)
total time= 9.6s
[CV 4/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-428.622, test=-3083.363)
total time= 12.0s
[CV 3/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2204.383, test=-2833.319)
total time= 0.5s
[CV 5/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2181.562, test=-2772.454)
total time= 0.5s
[CV 2/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2066.798, test=-2728.815)
total time= 1.0s
[CV 5/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1966.371, test=-2815.074)
total time= 1.0s
[CV 3/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1476.112, test=-3187.332)
total time= 2.3s
[CV 5/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1507.339, test=-2968.716)

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total time= 2.4s
[CV 3/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1055.822, test=-3303.120)
total time= 4.9s
[CV 5/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2219.513, test=-2836.535)
total time= 0.5s
[CV 4/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2178.096, test=-2698.263)
total time= 0.5s
[CV 1/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2003.164, test=-2636.139)
total time= 1.0s
[CV 4/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1960.713, test=-2812.594)
total time= 1.0s
[CV 2/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1512.850, test=-2919.309)
total time= 2.5s
[CV 5/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1455.332, test=-3014.368)
total time= 2.4s
[CV 3/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1015.064, test=-3283.044)
total time= 4.9s
[CV 1/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-484.822, test=-3099.366)
total time= 9.7s

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[CV 4/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 4/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-356.045, test=-3235.079) total time= 12.2s

[CV 3/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 3/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2167.692, test=-2844.417) total time= 0.5s

[CV 5/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 5/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2145.986, test=-2861.540) total time= 0.5s

[CV 3/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 3/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-1949.202, test=-2957.792) total time= 1.0s

[CV 1/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 1/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1563.780, test=-2839.604) total time= 2.4s

[CV 4/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 4/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1484.545, test=-3092.894) total time= 2.4s

[CV 2/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 2/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1066.737, test=-2999.652) total time= 4.9s

[CV 5/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 5/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1052.927, test=-3244.514) total time= 4.8s

[CV 1/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 1/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-433.184, test=-3259.671) total time= 12.1s

[CV 4/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 4/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500;; score=(train=-97.440, test=-3255.429)
total time= 24.2s
[CV 2/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-444.399, test=-3230.324)
total time= 12.0s
[CV 5/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-115.755, test=-3242.254)
total time= 24.1s
[CV 3/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-401.628, test=-3505.649)
total time= 12.1s
[CV 1/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2278.583, test=-2485.560)
total time= 0.5s
[CV 2/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2294.892, test=-2609.200)
total time= 0.5s
[CV 3/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2204.383, test=-2833.319)
total time= 0.5s
[CV 4/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2184.962, test=-2671.981)
total time= 0.5s
[CV 1/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1996.557, test=-2603.560)
total time= 1.0s
[CV 3/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1947.178, test=-2946.659)
total time= 1.0s
[CV 1/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 1/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1473.554, test=-2780.934)
total time= 2.4s
[CV 1/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2248.584, test=-2599.033)
total time= 0.5s
[CV 2/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2227.180, test=-2558.694)
total time= 0.5s
[CV 3/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2219.513, test=-2838.786)
total time= 0.5s
[CV 4/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2178.096, test=-2682.031)
total time= 0.5s
[CV 5/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2157.726, test=-2796.622)
total time= 0.5s
[CV 1/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2003.164, test=-2641.152)
total time= 1.0s
[CV 3/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2017.227, test=-2932.600)
total time= 1.0s
[CV 1/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1496.729, test=-2898.401)
total time= 2.4s
[CV 4/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1472.446, test=-2990.275)
total time= 2.4s
[CV 2/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=100
[CV 2/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-997.141, test=-3070.077)
total time= 4.9s
[CV 5/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-968.565, test=-3098.383)
total time= 4.9s
[CV 1/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-348.168, test=-3129.032)
total time= 12.3s
[CV 4/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-81.087, test=-3294.950)
total time= 24.5s
[CV 2/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-335.414, test=-3225.882)
total time= 12.2s
[CV 5/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-77.568, test=-3249.556)
total time= 24.2s
[CV 3/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-371.537, test=-3405.858)
total time= 12.1s
[CV 1/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2278.583, test=-2494.245)
total time= 0.5s
[CV 2/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2294.892, test=-2609.200)
total time= 0.5s
[CV 3/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2204.383, test=-2833.319)

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total time= 0.5s
[CV 1/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1996.557, test=-2592.851)
total time= 1.0s
[CV 4/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1971.031, test=-2762.128)
total time= 0.9s
[CV 1/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1473.554, test=-2791.627)
total time= 2.4s
[CV 4/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1500.343, test=-2868.972)
total time= 2.4s
[CV 2/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1102.787, test=-3045.952)
total time= 4.8s
[CV 5/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1061.240, test=-3051.266)
total time= 4.8s
[CV 1/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-414.345, test=-3080.222)
total time= 12.0s
[CV 4/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-122.919, test=-3076.183)
total time= 24.1s
[CV 2/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-444.399, test=-3198.710)
total time= 12.0s
[CV 5/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

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[CV 5/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-115.755, test=-3220.764)
total time= 24.1s
[CV 2/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-473.990, test=-3224.339)
total time= 9.4s
[CV 5/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-354.082, test=-3226.872)
total time= 12.1s
[CV 3/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2017.227, test=-2927.145)
total time= 1.0s
[CV 1/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1496.729, test=-2893.353)
total time= 2.4s
[CV 4/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1472.446, test=-2981.969)
total time= 2.5s
[CV 2/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-997.141, test=-3086.234)
total time= 4.9s
[CV 5/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-968.565, test=-3106.362)
total time= 4.9s
[CV 1/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-348.168, test=-3123.479)
total time= 12.1s
[CV 4/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-81.087, test=-3294.649)
total time= 24.4s

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[CV 2/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 2/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-383.186, test=-3110.425) total time= 12.0s

[CV 5/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 5/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-96.389, test=-3355.765) total time= 24.3s

[CV 3/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 3/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-420.498, test=-3480.185) total time= 12.2s

[CV 1/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 1/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2278.583, test=-2491.450) total time= 0.5s

[CV 2/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2294.892, test=-2609.200) total time= 0.5s

[CV 4/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 4/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2184.962, test=-2655.146) total time= 0.5s

[CV 1/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 1/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-1996.557, test=-2583.383) total time= 1.0s

[CV 4/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 4/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-1971.031, test=-2748.759) total time= 1.0s

[CV 2/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1576.405, test=-2934.580) total time= 2.5s

[CV 1/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 1/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100;; score=(train=-1036.167, test=-2903.406)
total time= 4.9s
[CV 4/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1055.028, test=-3013.291)
total time= 4.9s
[CV 5/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-599.651, test=-3184.617)
total time= 9.8s
[CV 3/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-103.156, test=-3533.858)
total time= 24.6s
[CV 4/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-557.341, test=-3073.077)
total time= 9.8s
[CV 2/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-126.638, test=-3284.377)
total time= 24.4s
[CV 3/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-555.356, test=-3476.943)
total time= 9.7s
[CV 1/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-114.168, test=-3086.194)
total time= 24.2s
[CV 2/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-591.211, test=-3178.455)
total time= 9.9s
[CV 5/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-472.274, test=-3246.797)
total time= 12.3s
[CV 4/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100;; score=(train=-1055.028, test=-3010.094)
total time= 4.8s
[CV 5/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-599.651, test=-3149.626)
total time= 9.6s
[CV 3/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-114.661, test=-3551.945)
total time= 24.1s
[CV 3/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-555.356, test=-3448.273)
total time= 9.6s
[CV 1/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-114.168, test=-3090.109)
total time= 24.1s
[CV 2/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-588.922, test=-3185.235)
total time= 9.6s
[CV 5/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-437.993, test=-3181.225)
total time= 12.0s
[CV 4/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1971.031, test=-2746.125)
total time= 1.0s
[CV 2/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1576.405, test=-2932.776)
total time= 2.4s
[CV 4/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1500.343, test=-2852.340)
total time= 2.4s
[CV 2/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100
[CV 2/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1102.787, test=-3040.062)
total time= 4.9s
[CV 1/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-564.482, test=-3035.339)
total time= 9.7s
[CV 4/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-428.622, test=-3088.705)
total time= 12.7s
[CV 4/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2243.463, test=-2644.433)
total time= 0.5s
[CV 1/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2020.889, test=-2595.927)
total time= 1.0s
[CV 3/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1986.544, test=-2968.548)
total time= 1.0s
[CV 1/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1538.930, test=-2803.098)
total time= 2.5s
[CV 4/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1591.244, test=-2821.837)
total time= 2.5s
[CV 2/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1132.617, test=-3068.298)
total time= 5.0s
[CV 1/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-623.097, test=-3149.724)

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total time= 9.9s
[CV 4/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-521.041, test=-3055.373)
total time= 12.2s
[CV 5/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2170.449, test=-2822.383)
total time= 0.5s
[CV 2/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2060.969, test=-2707.765)
total time= 1.0s
[CV 4/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2018.086, test=-2732.678)
total time= 1.0s
[CV 2/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1628.397, test=-2882.060)
total time= 2.4s
[CV 5/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1499.180, test=-3002.540)
total time= 2.5s
[CV 2/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1132.617, test=-3054.974)
total time= 5.0s
[CV 5/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1075.784, test=-3149.018)
total time= 4.9s
[CV 1/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-437.993, test=-3173.475)
total time= 12.1s
[CV 3/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 3/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1971.406, test=-2894.726)
total time= 1.0s
[CV 1/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1473.554, test=-2777.573)
total time= 2.5s
[CV 4/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1500.343, test=-2856.707)
total time= 2.4s
[CV 2/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1102.787, test=-3063.824)
total time= 4.9s
[CV 1/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-564.482, test=-3045.051)
total time= 9.8s
[CV 4/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-428.622, test=-3082.512)
total time= 12.3s
[CV 5/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2181.562, test=-2772.454)
total time= 0.5s
[CV 2/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2066.798, test=-2727.016)
total time= 1.0s
[CV 4/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1971.031, test=-2748.883)
total time= 1.0s
[CV 2/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1576.405, test=-2923.917)
total time= 2.5s

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[CV 5/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1507.339, test=-2987.473)
total time= 2.4s
[CV 3/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1055.822, test=-3312.237)
total time= 4.9s
[CV 1/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-564.482, test=-3053.310)
total time= 9.8s
[CV 4/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-428.622, test=-3079.891)
total time= 12.1s
[CV 5/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2181.562, test=-2772.454)
total time= 0.5s
[CV 2/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2066.798, test=-2726.679)
total time= 1.0s
[CV 5/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1966.371, test=-2817.348)
total time= 1.0s
[CV 3/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1476.112, test=-3197.124)
total time= 2.5s
[CV 1/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1036.167, test=-2906.124)
total time= 4.9s
[CV 4/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100;; score=(train=-1055.028, test=-3003.509)
total time= 4.9s
[CV 4/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-557.341, test=-3090.531)
total time= 9.8s
[CV 2/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-126.638, test=-3268.638)
total time= 25.0s
[CV 4/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-673.961, test=-3036.008)
total time= 9.9s
[CV 2/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-136.274, test=-3262.772)
total time= 24.7s
[CV 3/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-613.988, test=-3313.281)
total time= 9.8s
[CV 1/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-133.065, test=-3282.440)
total time= 24.3s
[CV 2/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-591.211, test=-3179.534)
total time= 9.7s
[CV 5/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1500.343, test=-2854.370)
total time= 2.4s
[CV 2/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1102.787, test=-3051.921)

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total time= 4.8s
[CV 5/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1061.240, test=-3052.238)
total time= 4.8s
[CV 1/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-414.345, test=-3080.503)
total time= 12.0s
[CV 4/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-122.919, test=-3064.002)
total time= 24.2s
[CV 2/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-444.399, test=-3224.605)
total time= 12.1s
[CV 5/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-115.755, test=-3235.312)
total time= 24.4s
[CV 3/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-465.284, test=-3363.501)
total time= 12.2s
[CV 1/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2246.814, test=-2488.621)
total time= 0.5s
[CV 2/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2245.073, test=-2570.618)
total time= 0.5s
[CV 3/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2196.186, test=-2797.413)
total time= 0.5s
[CV 4/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

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[CV 4/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2243.463, test=-2644.433)
total time= 0.5s
[CV 1/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2020.889, test=-2594.877)
total time= 1.0s
[CV 3/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1986.544, test=-2968.927)
total time= 1.0s
[CV 1/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1538.930, test=-2789.667)
total time= 2.4s
[CV 4/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1591.244, test=-2831.781)
total time= 2.5s
[CV 3/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1087.128, test=-3242.085)
total time= 5.0s
[CV 1/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-623.097, test=-3141.940)
total time= 9.8s
[CV 4/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-521.041, test=-3056.038)
total time= 12.2s
[CV 4/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2243.463, test=-2644.433)
total time= 0.5s
[CV 1/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2020.889, test=-2595.787)
total time= 1.0s

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[CV 4/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 4/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2018.086, test=-2742.220) total time= 1.0s

[CV 2/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 2/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-1628.397, test=-2877.926) total time= 2.5s

[CV 5/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 5/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-1499.180, test=-2995.403) total time= 2.4s

[CV 3/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 3/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-1087.128, test=-3227.808) total time= 4.9s

[CV 1/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 1/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-623.097, test=-3140.462) total time= 9.7s

[CV 4/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 4/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-521.041, test=-3063.669) total time= 12.3s

[CV 3/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 3/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2196.186, test=-2796.509) total time= 0.5s

[CV 5/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1061.240, test=-3044.092) total time= 4.8s

[CV 1/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 1/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-414.345, test=-3078.961) total time= 12.1s

[CV 4/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 4/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-122.919, test=-3067.819) total time= 24.1s

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[CV 2/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-444.399, test=-3249.347)
total time= 12.0s
[CV 5/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-115.755, test=-3201.714)
total time= 24.1s
[CV 3/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-415.833, test=-3477.440)
total time= 12.1s
[CV 1/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2246.814, test=-2497.174)
total time= 0.5s
[CV 2/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2245.073, test=-2564.585)
total time= 0.5s
[CV 3/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2196.186, test=-2797.776)
total time= 0.5s
[CV 5/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2170.449, test=-2826.249)
total time= 0.5s
[CV 2/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2060.969, test=-2706.185)
total time= 1.0s
[CV 4/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2018.086, test=-2742.220)
total time= 1.0s
[CV 2/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50;; score=(train=-1628.397, test=-2877.709)
total time= 2.5s
[CV 5/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1499.180, test=-2995.009)
total time= 2.4s
[CV 3/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1087.128, test=-3219.996)
total time= 4.9s
[CV 5/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1075.784, test=-3151.029)
total time= 4.9s
[CV 1/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-474.709, test=-3194.582)
total time= 12.3s
[CV 4/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-158.873, test=-3078.647)
total time= 24.5s
[CV 2/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-462.142, test=-3201.622)
total time= 12.2s
[CV 5/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-142.971, test=-3299.239)
total time= 24.3s
[CV 3/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-465.284, test=-3373.917)
total time= 12.2s
[CV 1/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2246.814, test=-2497.174)
total time= 0.5s
[CV 2/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10
[CV 2/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2245.073, test=-2565.453)
total time= 0.5s
[CV 4/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2243.463, test=-2644.433)
total time= 0.5s
[CV 1/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2020.889, test=-2595.787)
total time= 1.0s
[CV 3/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1986.544, test=-2971.091)
total time= 1.0s
[CV 1/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1538.930, test=-2789.681)
total time= 2.4s
[CV 4/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1591.244, test=-2800.003)
total time= 2.5s
[CV 2/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-415.833, test=-3488.807)
total time= 12.0s
[CV 1/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2278.583, test=-2494.245)
total time= 0.5s
[CV 2/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2294.892, test=-2615.945)
total time= 0.5s
[CV 3/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

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[CV 3/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2204.383, test=-2833.319)
total time= 0.5s
[CV 4/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2184.962, test=-2659.245)
total time= 0.5s
[CV 1/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1996.557, test=-2603.560)
total time= 1.0s
[CV 3/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1971.406, test=-2894.488)
total time= 1.0s
[CV 1/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1473.554, test=-2767.526)
total time= 2.4s
[CV 5/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1507.339, test=-2987.093)
total time= 2.4s
[CV 3/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1007.127, test=-3354.024)
total time= 4.8s
[CV 5/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1061.240, test=-3043.477)
total time= 4.8s
[CV 1/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-414.345, test=-3074.298)
total time= 12.1s
[CV 4/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-122.919, test=-3085.080)
total time= 24.5s

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[CV 2/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-462.142, test=-3196.518)
total time= 12.2s
[CV 5/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-142.971, test=-3313.518)
total time= 24.6s
[CV 3/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-465.284, test=-3364.793)
total time= 12.2s
[CV 1/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2246.814, test=-2488.621)
total time= 0.5s
[CV 2/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2245.073, test=-2565.454)
total time= 0.5s
[CV 3/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2196.186, test=-2796.509)
total time= 0.5s
[CV 5/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2170.449, test=-2826.249)
total time= 0.5s
[CV 2/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2060.969, test=-2707.687)
total time= 1.0s
[CV 5/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1983.510, test=-2936.849)
total time= 1.0s
[CV 3/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50;; score=(train=-1519.888, test=-3176.900)
total time= 2.5s
[CV 1/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1130.345, test=-2952.343)
total time= 4.9s
[CV 4/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1147.690, test=-2889.875)
total time= 4.9s
[CV 4/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-673.961, test=-3002.812)
total time= 9.8s
[CV 2/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-136.274, test=-3246.169)
total time= 24.7s
[CV 3/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-613.988, test=-3340.146)
total time= 9.8s
[CV 5/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1908.701, test=-2909.835)
total time= 1.0s
[CV 3/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1514.470, test=-3214.886)
total time= 2.5s
[CV 1/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1011.416, test=-3019.395)
total time= 4.9s
[CV 4/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-976.596, test=-3073.793)
total time= 4.9s
[CV 5/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=200;; score=(train=-493.945, test=-3221.724)
total time= 9.8s
[CV 3/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-78.482, test=-3447.164)
total time= 24.7s
[CV 4/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-519.912, test=-3191.114)
total time= 9.7s
[CV 2/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-95.587, test=-3141.442)
total time= 24.3s
[CV 4/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-557.341, test=-3077.741)
total time= 9.6s
[CV 2/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-126.638, test=-3277.299)
total time= 24.4s
[CV 4/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-557.341, test=-3086.942)
total time= 9.8s
[CV 2/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-126.638, test=-3259.428)
total time= 24.5s
[CV 3/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-555.356, test=-3467.667)
total time= 9.8s
[CV 1/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-114.168, test=-3099.794)
total time= 24.5s
[CV 2/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200
[CV 2/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-588.922, test=-3182.605)
total time= 9.9s
[CV 5/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-437.993, test=-3189.467)
total time= 12.3s
[CV 5/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1983.510, test=-2943.710)
total time= 1.0s
[CV 3/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1519.888, test=-3177.755)
total time= 2.5s
[CV 1/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1130.345, test=-2951.514)
total time= 5.0s
[CV 4/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1147.690, test=-2890.569)
total time= 4.9s
[CV 5/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-616.612, test=-3226.556)
total time= 10.1s
[CV 3/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-141.799, test=-3411.747)
total time= 24.7s
[CV 5/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-616.612, test=-3216.496)
total time= 9.9s
[CV 3/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-141.799, test=-3437.936)

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total time= 24.5s
[CV 5/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-616.612, test=-3225.415)
total time= 9.8s
[CV 3/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-141.799, test=-3415.429)
total time= 24.6s
[CV 4/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-673.961, test=-3023.819)
total time= 9.8s
[CV 2/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-136.274, test=-3254.717)
total time= 24.3s
[CV 5/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1023.985, test=-3214.171)
total time= 4.8s
[CV 5/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-569.149, test=-3323.270)
total time= 9.7s
[CV 3/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-85.577, test=-3426.990)
total time= 24.1s
[CV 3/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-564.403, test=-3507.470)
total time= 9.6s
[CV 1/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-114.168, test=-3094.131)
total time= 24.2s
[CV 2/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

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[CV 2/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-588.922, test=-3198.727)
total time= 9.8s
[CV 5/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-437.993, test=-3177.293)
total time= 12.3s
[CV 5/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1966.371, test=-2808.043)
total time= 1.0s
[CV 3/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1518.144, test=-3092.486)
total time= 2.4s
[CV 1/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1036.167, test=-2909.451)
total time= 4.9s
[CV 4/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1055.028, test=-3031.380)
total time= 4.9s
[CV 5/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-599.651, test=-3167.728)
total time= 9.8s
[CV 3/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-103.156, test=-3534.509)
total time= 24.4s
[CV 5/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-599.651, test=-3161.001)
total time= 9.8s
[CV 3/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-103.156, test=-3543.226)
total time= 24.3s

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[CV 3/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-613.988, test=-3316.920)
total time= 9.8s
[CV 1/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-133.065, test=-3291.538)
total time= 24.3s
[CV 2/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-591.211, test=-3181.510)
total time= 9.7s
[CV 5/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-472.274, test=-3259.587)
total time= 12.1s
[CV 3/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1986.544, test=-2970.336)
total time= 1.0s
[CV 1/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1538.930, test=-2800.975)
total time= 2.4s
[CV 4/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1591.244, test=-2830.340)
total time= 2.4s
[CV 2/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1132.617, test=-3060.103)
total time= 4.9s
[CV 5/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1075.784, test=-3137.754)
total time= 4.8s
[CV 1/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=250;; score=(train=-474.709, test=-3200.451)
total time= 12.1s
[CV 4/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-158.873, test=-3108.052)
total time= 24.5s
[CV 2/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-462.142, test=-3191.969)
total time= 12.2s
[CV 5/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-142.971, test=-3305.045)
total time= 24.3s
[CV 1/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-474.709, test=-3201.878)
total time= 12.2s
[CV 4/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-158.873, test=-3098.281)
total time= 24.3s
[CV 2/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-462.142, test=-3205.700)
total time= 12.2s
[CV 5/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-142.971, test=-3292.242)
total time= 24.9s
[CV 3/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-465.284, test=-3379.654)
total time= 12.1s
[CV 1/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1649.895, test=-2822.646)
total time= 0.8s
[CV 2/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10
[CV 2/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1722.276, test=-2813.867)
total time= 0.8s
[CV 5/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1653.535, test=-3134.733)
total time= 0.8s
[CV 2/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1170.754, test=-3035.688)
total time= 1.5s
[CV 5/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1101.912, test=-3218.834)
total time= 1.5s
[CV 3/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-425.238, test=-3203.644)
total time= 3.8s
[CV 1/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-90.138, test=-3347.486)
total time= 7.6s
[CV 2/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2.238, test=-3222.563)
total time= 15.2s
[CV 5/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.527, test=-3318.801)
total time= 19.1s
[CV 5/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1178.789, test=-3174.335)
total time= 1.5s
[CV 3/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-378.710, test=-3301.363)

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total time= 3.8s
[CV 1/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-82.376, test=-2895.655)
total time= 7.6s
[CV 4/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-81.339, test=-3160.866)
total time= 7.6s
[CV 2/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.696, test=-3391.371)
total time= 15.3s
[CV 5/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.692, test=-3334.205)
total time= 19.2s
[CV 2/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-530.826, test=-3327.226)
total time= 3.9s
[CV 5/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-576.874, test=-3255.959)
total time= 3.9s
[CV 3/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-165.390, test=-3200.918)
total time= 7.8s
[CV 1/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-8.894, test=-3291.104)
total time= 15.3s
[CV 4/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-3.071, test=-3119.681)
total time= 19.6s
[CV 3/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

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[CV 3/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1848.339, test=-3008.034)
total time= 0.8s

[CV 5/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 5/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1775.219, test=-3149.870)
total time= 0.8s

[CV 2/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 2/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1407.628, test=-3058.623)
total time= 1.6s

[CV 4/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 4/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1364.223, test=-3056.465)
total time= 1.5s

[CV 5/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-472.274, test=-3267.230)
total time= 12.3s

[CV 5/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 5/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1983.510, test=-2944.814)
total time= 1.0s

[CV 3/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 3/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1519.888, test=-3177.912)
total time= 2.5s

[CV 1/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 1/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1130.345, test=-2963.959)
total time= 5.0s

[CV 4/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 4/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1147.690, test=-2839.775)
total time= 4.9s

[CV 5/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 5/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-616.612, test=-3219.658)
total time= 9.7s

[CV 3/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 3/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-141.799, test=-3428.495)
total time= 24.3s

[CV 1/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 1/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-4.215, test=-3350.892)
total time= 15.4s

[CV 4/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 4/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.703, test=-3292.483)
total time= 19.2s

[CV 4/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 4/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1175.942, test=-3004.523)
total time= 1.6s

[CV 2/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 2/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-456.104, test=-3330.109)
total time= 3.9s

[CV 5/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 5/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-394.411, test=-3270.772)
total time= 3.9s

[CV 3/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 3/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-75.740, test=-3305.688)
total time= 7.7s

[CV 1/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 1/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-3.634, test=-2879.598)
total time= 15.4s

[CV 4/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 4/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.955, test=-3172.580)
total time= 19.4s

[CV 4/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

[CV 4/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1748.898, test=-2764.728)
total time= 0.8s

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[CV 1/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1222.117, test=-3067.545)
total time= 1.5s
[CV 3/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1262.740, test=-3112.542)
total time= 1.5s
[CV 5/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1325.666, test=-3116.334)
total time= 1.5s
[CV 3/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-547.352, test=-3193.648)
total time= 3.8s
[CV 1/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-124.573, test=-3344.416)
total time= 7.6s
[CV 4/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-119.083, test=-3102.954)
total time= 7.6s
[CV 2/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-9.423, test=-3409.790)
total time= 15.3s
[CV 5/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2.459, test=-3267.065)
total time= 19.0s
[CV 5/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1318.943, test=-3158.253)
total time= 1.6s
[CV 3/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50;; score=(train=-568.574, test=-3386.859)
total time= 3.8s
[CV 1/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-221.074, test=-2927.129)
total time= 7.7s
[CV 4/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-192.832, test=-3253.009)
total time= 7.7s
[CV 4/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2170.449, test=-2822.383)
total time= 0.5s
[CV 2/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2060.969, test=-2710.893)
total time= 1.0s
[CV 4/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2018.086, test=-2742.220)
total time= 1.0s
[CV 2/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1628.397, test=-2874.004)
total time= 2.5s
[CV 5/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1499.180, test=-2999.806)
total time= 2.6s
[CV 3/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1087.128, test=-3221.360)
total time= 4.9s
[CV 1/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-623.097, test=-3151.707)

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total time= 9.6s
[CV 4/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-521.041, test=-3050.585)
total time= 12.1s
[CV 3/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1683.473, test=-2927.823)
total time= 0.7s
[CV 4/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1752.573, test=-2783.682)
total time= 0.8s
[CV 1/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1114.222, test=-3081.479)
total time= 1.5s
[CV 4/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1267.192, test=-2995.756)
total time= 1.6s
[CV 2/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-365.779, test=-3160.029)
total time= 3.8s
[CV 5/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-363.871, test=-3297.615)
total time= 3.8s
[CV 3/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-84.119, test=-3192.093)
total time= 7.7s
[CV 5/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2.894, test=-3297.723)
total time= 15.4s
[CV 3/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

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[CV 3/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3204.345)
total time= 38.4s

[CV 1/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 1/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.732, test=-2912.947)
total time= 19.5s

[CV 4/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 4/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3163.413)
total time= 38.6s

[CV 2/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 2/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2.966, test=-3382.331)
total time= 19.5s

[CV 5/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 5/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.006, test=-3283.277)
total time= 38.5s

[CV 3/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 3/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-5.409, test=-3453.376)
total time= 19.3s

[CV 1/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 1/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1785.571, test=-2667.881)
total time= 0.8s

[CV 2/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 2/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1807.865, test=-2765.310)
total time= 0.8s

[CV 4/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 4/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1756.250, test=-2854.957)
total time= 0.8s

[CV 1/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 1/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1345.775, test=-2840.970)
total time= 1.6s

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[CV 3/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1345.713, test=-3097.692)
total time= 1.5s
[CV 1/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-620.806, test=-3119.650)
total time= 3.8s
[CV 4/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-133.065, test=-3274.156)
total time= 24.3s
[CV 4/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-84.523, test=-3300.942)
total time= 7.7s
[CV 2/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.374, test=-3229.533)
total time= 19.2s
[CV 5/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3362.894)
total time= 38.5s
[CV 3/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.694, test=-3317.749)
total time= 19.4s
[CV 1/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1733.218, test=-2782.036)
total time= 0.8s
[CV 2/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1750.119, test=-2886.957)
total time= 0.8s
[CV 3/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10
[CV 3/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1728.974, test=-3012.415)
total time= 0.8s
[CV 5/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1774.086, test=-3051.036)
total time= 0.8s
[CV 2/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1247.682, test=-3084.882)
total time= 1.5s
[CV 4/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1246.916, test=-2904.472)
total time= 1.6s
[CV 1/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-531.380, test=-3300.340)
total time= 3.8s
[CV 4/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-500.039, test=-3067.270)
total time= 3.8s
[CV 2/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-138.429, test=-3384.832)
total time= 7.6s
[CV 5/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-134.936, test=-3268.417)
total time= 7.7s
[CV 1/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2.865, test=-3332.632)
total time= 19.2s
[CV 4/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3108.730)

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total time= 37.9s
[CV 2/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-4.647, test=-3311.236)
total time= 19.0s
[CV 5/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.018, test=-3332.661)
total time= 38.0s
[CV 3/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-6.039, test=-3398.308)
total time= 18.8s
[CV 1/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1785.571, test=-2667.881)
total time= 0.8s
[CV 2/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1807.865, test=-2755.723)
total time= 0.8s
[CV 3/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1816.563, test=-2933.325)
total time= 0.8s
[CV 4/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1756.250, test=-2860.797)
total time= 0.8s
[CV 1/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1356.127, test=-2887.492)
total time= 1.5s
[CV 3/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1345.713, test=-3100.469)
total time= 1.5s
[CV 5/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

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[CV 5/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1271.304, test=-3095.696)
total time= 1.6s
[CV 3/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-605.015, test=-3266.341)
total time= 3.8s
[CV 1/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1983.510, test=-2943.710)
total time= 1.0s
[CV 3/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1519.888, test=-3178.572)
total time= 2.5s
[CV 1/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1130.345, test=-2958.498)
total time= 5.1s
[CV 4/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1147.690, test=-2877.337)
total time= 5.0s
[CV 4/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-673.961, test=-3035.438)
total time= 9.8s
[CV 2/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-136.274, test=-3246.518)
total time= 24.3s
[CV 3/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-613.988, test=-3332.879)
total time= 9.7s
[CV 1/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500;; score=(train=-133.065, test=-3269.024)
total time= 24.4s
[CV 2/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-591.211, test=-3170.802)
total time= 9.8s
[CV 5/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-472.274, test=-3248.655)
total time= 12.3s
[CV 3/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1196.006, test=-3097.273)
total time= 1.6s
[CV 1/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-391.155, test=-3307.619)
total time= 3.9s
[CV 4/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-452.782, test=-3265.680)
total time= 3.9s
[CV 2/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-67.111, test=-3211.099)
total time= 7.7s
[CV 3/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2.411, test=-3203.214)
total time= 15.5s
[CV 1/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3382.718)
total time= 38.4s
[CV 4/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-3.980, test=-3166.100)
total time= 15.5s
[CV 2/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500
[CV 2/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3456.327)
total time= 38.2s
[CV 4/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-10.833, test=-3102.277)
total time= 15.5s
[CV 2/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.008, test=-3403.332)
total time= 38.3s
[CV 3/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-18.130, test=-3462.930)
total time= 15.2s
[CV 1/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.031, test=-2964.866)
total time= 38.1s
[CV 2/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-12.804, test=-3145.624)
total time= 15.1s
[CV 5/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-3.854, test=-3225.423)
total time= 19.1s
[CV 1/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-620.806, test=-3119.616)
total time= 3.8s
[CV 4/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-579.405, test=-3246.519)
total time= 3.8s
[CV 2/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-155.025, test=-3153.542)

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total time= 7.7s
[CV 5/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-169.231, test=-3214.744)
total time= 7.7s
[CV 1/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-613.945, test=-3234.809)
total time= 3.8s
[CV 5/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-660.692, test=-3341.485)
total time= 3.8s
[CV 3/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-171.577, test=-3420.256)
total time= 7.6s
[CV 1/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-23.951, test=-2954.353)
total time= 15.3s
[CV 4/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-6.376, test=-3266.891)
total time= 19.0s
[CV 3/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1816.563, test=-2930.197)
total time= 0.8s
[CV 5/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1718.096, test=-2957.582)
total time= 0.8s
[CV 2/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1390.506, test=-2938.275)
total time= 1.5s

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[CV 4/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1322.869, test=-3035.475)
total time= 1.5s
[CV 2/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-562.286, test=-3105.025)
total time= 3.8s
[CV 5/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-596.264, test=-3177.214)
total time= 3.8s
[CV 3/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-158.019, test=-3384.774)
total time= 7.6s
[CV 1/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-18.873, test=-3186.587)
total time= 15.1s
[CV 4/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-4.133, test=-3306.350)
total time= 18.9s
[CV 5/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1718.096, test=-2961.932)
total time= 0.8s
[CV 2/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1390.506, test=-2933.967)
total time= 1.6s
[CV 4/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1322.869, test=-3037.492)
total time= 1.5s
[CV 2/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-562.286, test=-3080.390)
total time= 3.8s
[CV 5/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-596.264, test=-3174.919)
total time= 3.8s
[CV 3/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-158.019, test=-3377.803)
total time= 7.6s
[CV 1/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-18.873, test=-3179.826)
total time= 15.2s
[CV 4/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-4.133, test=-3308.852)
total time= 18.9s
[CV 4/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1756.250, test=-2865.546)
total time= 0.8s
[CV 1/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1345.775, test=-2846.132)
total time= 1.5s
[CV 3/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1345.713, test=-3105.853)
total time= 1.6s
[CV 5/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1271.304, test=-3096.308)
total time= 1.5s
[CV 3/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-605.015, test=-3287.086)
total time= 3.8s
[CV 1/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 1/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-178.130, test=-3017.075)
total time= 7.6s
[CV 4/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.766, test=-3273.711)
total time= 19.2s
[CV 4/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3285.933)
total time= 38.5s
[CV 2/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.611, test=-3340.005)
total time= 19.3s
[CV 5/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3303.297)
total time= 38.2s
[CV 3/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2.506, test=-3236.993)
total time= 19.1s
[CV 1/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1844.082, test=-2667.768)
total time= 0.8s
[CV 2/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1806.554, test=-2859.815)
total time= 0.8s
[CV 4/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1888.957, test=-2757.251)
total time= 0.8s
[CV 1/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1382.474, test=-2749.340)

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total time= 1.5s
[CV 3/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1318.920, test=-3211.962)
total time= 1.5s
[CV 1/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-660.605, test=-2886.847)
total time= 3.8s
[CV 4/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-572.330, test=-3246.165)
total time= 3.8s
[CV 2/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-175.456, test=-3285.949)
total time= 7.6s
[CV 5/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-202.671, test=-3324.498)
total time= 7.7s
[CV 1/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-8.240, test=-2955.587)
total time= 19.0s
[CV 4/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.028, test=-3291.052)
total time= 38.0s
[CV 2/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-4.134, test=-3160.637)
total time= 18.6s
[CV 5/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.011, test=-3235.355)
total time= 37.5s
[CV 3/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

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[CV 3/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-6.039, test=-3398.350)
total time= 19.0s
[CV 1/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1785.571, test=-2672.464)
total time= 0.7s
[CV 2/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1807.865, test=-2768.060)
total time= 0.8s
[CV 3/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1816.563, test=-2938.702)
total time= 0.8s
[CV 5/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1718.096, test=-2959.989)
total time= 0.8s
[CV 2/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1390.506, test=-2948.516)
total time= 1.5s
[CV 4/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1322.869, test=-3032.684)
total time= 1.5s
[CV 1/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-585.849, test=-2971.105)
total time= 3.8s
[CV 4/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-579.405, test=-3242.706)
total time= 3.8s
[CV 2/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-155.025, test=-3155.789)
total time= 7.6s

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[CV 5/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100

[CV 5/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-169.231, test=-3209.371) total time= 7.6s

[CV 5/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-77.574, test=-3340.617) total time= 7.7s

[CV 3/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=250

[CV 3/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-0.471, test=-3235.341) total time= 19.3s

[CV 1/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10

[CV 1/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-1695.504, test=-2579.707) total time= 0.8s

[CV 2/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10

[CV 2/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-1711.266, test=-2893.255) total time= 0.8s

[CV 3/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10

[CV 3/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-1612.108, test=-2971.335) total time= 0.8s

[CV 4/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10

[CV 4/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-1719.797, test=-2855.249) total time= 0.8s

[CV 5/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10

[CV 5/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-1741.852, test=-3047.950) total time= 0.8s

[CV 1/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=20

[CV 1/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-1214.242, test=-2800.968) total time= 1.6s

[CV 2/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=20

[CV 2/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-1153.197, test=-3167.580) total time= 1.6s

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[CV 3/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1118.174, test=-3094.001)
total time= 1.5s
[CV 1/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-441.005, test=-2894.252)
total time= 3.9s
[CV 4/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-416.861, test=-3108.170)
total time= 3.9s
[CV 2/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-79.722, test=-3370.801)
total time= 7.8s
[CV 5/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-83.043, test=-3319.475)
total time= 7.7s
[CV 5/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-3.499, test=-3324.480)
total time= 15.5s
[CV 3/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3314.813)
total time= 38.3s
[CV 5/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-9.531, test=-3282.510)
total time= 15.5s
[CV 3/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.004, test=-3209.275)
total time= 38.7s
[CV 5/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200;; score=(train=-18.405, test=-3371.003)
total time= 15.4s
[CV 3/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.022, test=-3466.630)
total time= 38.5s
[CV 5/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-14.246, test=-3226.057)
total time= 15.4s
[CV 3/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.015, test=-3401.616)
total time= 37.7s
[CV 5/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-14.246, test=-3242.161)
total time= 15.1s
[CV 3/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.015, test=-3402.416)
total time= 37.7s
[CV 4/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-14.782, test=-3295.674)
total time= 15.1s
[CV 1/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.025, test=-3192.526)
total time= 37.7s
[CV 2/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-28.130, test=-3179.086)
total time= 15.1s
[CV 5/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-10.567, test=-3205.591)
total time= 18.9s
[CV 3/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=20
[CV 3/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1405.074, test=-3154.662)
total time= 1.5s
[CV 4/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-18.170, test=-3248.509)
total time= 15.3s
[CV 2/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.020, test=-3299.104)
total time= 38.1s
[CV 3/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-16.239, test=-3397.131)
total time= 15.3s
[CV 1/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.025, test=-3185.600)
total time= 38.2s
[CV 2/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-12.804, test=-3129.990)
total time= 15.3s
[CV 5/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-3.854, test=-3211.678)
total time= 19.0s
[CV 2/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-562.286, test=-3087.229)
total time= 3.9s
[CV 5/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-596.264, test=-3179.391)
total time= 3.9s
[CV 3/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-158.019, test=-3354.884)
total time= 7.7s
[CV 1/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=200
[CV 1/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-18.873, test=-3182.590)
total time= 15.3s
[CV 4/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-4.133, test=-3320.683)
total time= 19.1s
[CV 3/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1786.849, test=-2973.756)
total time= 0.8s
[CV 5/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1739.634, test=-2932.566)
total time= 0.8s
[CV 2/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1373.351, test=-2903.915)
total time= 1.5s
[CV 4/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1497.419, test=-2880.706)
total time= 1.6s
[CV 2/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-637.800, test=-3064.412)
total time= 3.8s
[CV 5/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-683.034, test=-3149.465)
total time= 3.8s
[CV 3/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-174.997, test=-3318.968)
total time= 7.6s
[CV 1/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-23.612, test=-3008.423)

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total time= 15.3s
[CV 4/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-11.137, test=-3073.404)
total time= 19.2s
[CV 4/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1859.191, test=-2794.838)
total time= 0.8s
[CV 1/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1442.078, test=-2941.250)
total time= 1.5s
[CV 4/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1490.159, test=-3011.769)
total time= 1.5s
[CV 2/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-647.397, test=-3211.998)
total time= 3.8s
[CV 5/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-699.397, test=-3308.490)
total time= 4.0s
[CV 3/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-239.708, test=-3258.761)
total time= 7.6s
[CV 1/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-30.783, test=-3122.929)
total time= 15.1s
[CV 4/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-11.305, test=-3259.657)
total time= 18.8s
[CV 5/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

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[CV 5/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1722.757, test=-2926.478)
total time= 0.8s

[CV 2/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1132.617, test=-3059.474)
total time= 4.9s

[CV 5/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 5/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1075.784, test=-3149.973)
total time= 4.9s

[CV 1/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 1/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-474.709, test=-3187.405)
total time= 12.2s

[CV 4/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 4/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-158.873, test=-3097.939)
total time= 24.2s

[CV 4/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 4/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-3.567, test=-3313.079)
total time= 15.4s

[CV 2/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 2/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3204.006)
total time= 38.3s

[CV 3/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 3/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-3.597, test=-3295.558)
total time= 15.5s

[CV 1/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 1/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2860.553)
total time= 38.4s

[CV 3/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 3/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-9.711, test=-3218.486)
total time= 15.4s

[CV 1/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 1/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3336.298) total time= 38.2s

[CV 2/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200

[CV 2/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-15.598, test=-3235.841) total time= 15.3s

[CV 5/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250

[CV 5/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-5.774, test=-3359.326) total time= 19.2s

[CV 5/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20

[CV 5/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-1271.304, test=-3102.163) total time= 1.5s

[CV 3/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50

[CV 3/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-605.015, test=-3299.975) total time= 3.9s

[CV 1/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100

[CV 1/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-171.097, test=-3151.021) total time= 7.6s

[CV 4/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100

[CV 4/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-154.538, test=-3311.778) total time= 7.6s

[CV 4/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200

[CV 4/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-14.782, test=-3320.673) total time= 15.4s

[CV 2/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500

[CV 2/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-0.014, test=-3147.094) total time= 38.0s

[CV 4/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200

[CV 4/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-14.782, test=-3328.107) total time= 15.2s

[CV 2/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500

[CV 2/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.014, test=-3158.088)

total time= 37.9s

[CV 3/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200

[CV 3/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-16.239, test=-3402.430)

total time= 15.2s

[CV 2/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500

[CV 2/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-0.014, test=-3152.017)

total time= 38.0s

[CV 3/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200

[CV 3/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-21.316, test=-3322.109)

total time= 15.2s

[CV 1/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500

[CV 1/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-0.062, test=-3055.212)

total time= 38.1s

[CV 2/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200

[CV 2/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-34.340, test=-3285.021)

total time= 15.2s

[CV 5/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250

[CV 5/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-11.447, test=-3365.213)

total time= 19.0s

[CV 4/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20

[CV 4/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-1490.159, test=-3019.276)

total time= 1.5s

[CV 2/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50

[CV 2/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-647.397, test=-3182.733)

total time= 3.8s

[CV 5/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50

[CV 5/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50;; score=(train=-699.397, test=-3314.015)
total time= 3.8s
[CV 4/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-579.405, test=-3244.771)
total time= 3.8s
[CV 2/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-155.025, test=-3149.031)
total time= 7.7s
[CV 5/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-169.231, test=-3231.201)
total time= 7.7s
[CV 1/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-6.196, test=-3188.560)
total time= 19.4s
[CV 4/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.012, test=-3315.952)
total time= 37.8s
[CV 2/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-4.134, test=-3149.263)
total time= 19.0s
[CV 5/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.011, test=-3214.287)
total time= 37.8s
[CV 3/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-6.039, test=-3377.710)
total time= 19.1s
[CV 1/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1820.993, test=-2707.357)
total time= 0.8s
[CV 2/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-1855.345, test=-2701.497)
total time= 0.8s
[CV 4/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1853.599, test=-2762.775)
total time= 0.8s
[CV 1/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1295.421, test=-2888.248)
total time= 1.5s
[CV 3/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1441.375, test=-2984.800)
total time= 1.5s
[CV 1/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-684.870, test=-2950.074)
total time= 3.8s
[CV 4/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-755.016, test=-2979.652)
total time= 3.9s
[CV 2/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-237.434, test=-3125.076)
total time= 7.6s
[CV 5/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-216.504, test=-3215.308)
total time= 7.6s
[CV 1/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-8.106, test=-3010.357)
total time= 19.0s
[CV 4/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.085, test=-3075.657)
total time= 38.2s
[CV 2/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250
[CV 2/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-12.444, test=-3276.386)
total time= 18.9s
[CV 5/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.082, test=-3366.499)
total time= 37.3s
[CV 3/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-13.548, test=-3529.027)
total time= 19.2s
[CV 1/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1738.743, test=-2809.789)
total time= 0.8s
[CV 2/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1836.548, test=-2715.340)
total time= 0.8s
[CV 4/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1859.191, test=-2794.271)
total time= 0.8s
[CV 1/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1442.078, test=-2934.278)
total time= 1.6s
[CV 4/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1490.159, test=-3012.120)
total time= 1.6s
[CV 2/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-647.397, test=-3187.573)
total time= 3.8s
[CV 5/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-699.397, test=-3309.230)

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total time= 3.8s
[CV 1/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-4.699, test=-3031.191)
total time= 18.9s
[CV 4/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.012, test=-3298.008)
total time= 37.7s
[CV 2/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-9.204, test=-3169.150)
total time= 18.8s
[CV 5/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.061, test=-3224.075)
total time= 38.0s
[CV 3/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-11.654, test=-3375.082)
total time= 18.7s
[CV 1/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1886.533, test=-2693.648)
total time= 0.8s
[CV 2/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1836.548, test=-2709.126)
total time= 0.8s
[CV 3/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1824.516, test=-3007.544)
total time= 0.8s
[CV 4/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1859.191, test=-2794.838)
total time= 0.8s
[CV 1/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 1/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1442.078, test=-2934.278)
total time= 1.5s

[CV 3/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 3/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1438.943, test=-3095.884)
total time= 1.5s

[CV 1/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 1/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-704.465, test=-3044.058)
total time= 3.8s

[CV 4/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 4/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-708.545, test=-3192.230)
total time= 3.8s

[CV 2/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 2/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-221.915, test=-3276.930)
total time= 7.5s

[CV 5/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 5/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-222.179, test=-3352.482)
total time= 7.5s

[CV 1/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 1/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-11.605, test=-3120.189)
total time= 18.7s

[CV 4/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 4/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.109, test=-3288.907)
total time= 37.7s

[CV 2/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 2/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-12.444, test=-3296.925)
total time= 18.8s

[CV 5/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 5/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.082, test=-3385.248)
total time= 37.5s

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[CV 3/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-10.330, test=-3393.864)
total time= 18.7s
[CV 1/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1847.077, test=-2651.417)
total time= 0.7s
[CV 2/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1841.865, test=-2868.014)
total time= 0.7s
[CV 3/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1819.504, test=-2980.800)
total time= 0.7s
[CV 4/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1854.709, test=-2826.895)
total time= 0.8s
[CV 1/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1376.558, test=-2904.631)
total time= 1.5s
[CV 3/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1395.205, test=-3163.559)
total time= 1.5s
[CV 1/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-713.750, test=-3179.927)
total time= 3.7s
[CV 4/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-726.595, test=-3097.539)
total time= 3.8s
[CV 2/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250;; score=(train=-6.196, test=-3171.441)
total time= 19.1s
[CV 4/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.012, test=-3314.733)
total time= 38.2s
[CV 2/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-4.134, test=-3153.412)
total time= 19.1s
[CV 5/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.011, test=-3233.595)
total time= 38.1s
[CV 3/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-7.064, test=-3316.169)
total time= 19.1s
[CV 1/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1738.743, test=-2804.884)
total time= 0.8s
[CV 2/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1836.548, test=-2720.446)
total time= 0.8s
[CV 3/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1812.014, test=-3010.955)
total time= 0.8s
[CV 5/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1722.757, test=-2924.286)
total time= 0.8s
[CV 2/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1477.658, test=-2934.953)
total time= 1.5s
[CV 5/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=20
[CV 5/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1334.803, test=-3101.002)
total time= 1.5s
[CV 3/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-656.191, test=-3357.241)
total time= 3.8s
[CV 1/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-242.979, test=-3127.195)
total time= 7.8s
[CV 4/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-221.843, test=-3266.292)
total time= 7.6s
[CV 5/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-30.768, test=-3376.880)
total time= 15.1s
[CV 3/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.135, test=-3272.489)
total time= 37.6s
[CV 4/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-32.176, test=-3265.676)
total time= 15.1s
[CV 2/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.125, test=-3284.558)
total time= 37.6s
[CV 3/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-30.381, test=-3364.196)
total time= 15.1s
[CV 1/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.101, test=-3131.154)

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total time= 37.6s
[CV 2/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-34.340, test=-3289.692)
total time= 15.1s
[CV 5/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-11.447, test=-3389.737)
total time= 18.8s
[CV 5/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1476.114, test=-2948.504)
total time= 1.5s
[CV 3/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-672.784, test=-3277.354)
total time= 3.7s
[CV 1/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-270.604, test=-3231.191)
total time= 7.5s
[CV 4/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-290.508, test=-3163.132)
total time= 7.5s
[CV 4/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-49.943, test=-3182.714)
total time= 14.9s
[CV 2/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.397, test=-3279.698)
total time= 37.3s
[CV 3/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-43.423, test=-3362.420)
total time= 14.8s
[CV 1/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-178.130, test=-3027.117)

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total time= 7.6s
[CV 4/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-154.538, test=-3317.692)
total time= 7.6s
[CV 3/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-16.239, test=-3389.715)
total time= 15.2s
[CV 1/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.017, test=-3026.803)
total time= 37.8s
[CV 2/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-12.804, test=-3154.875)
total time= 15.2s
[CV 5/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-3.854, test=-3232.254)
total time= 19.0s
[CV 5/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1346.066, test=-3074.289)
total time= 1.5s
[CV 3/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-614.551, test=-3234.000)
total time= 3.8s
[CV 1/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-227.825, test=-3060.841)
total time= 7.6s
[CV 4/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-259.316, test=-3067.101)
total time= 7.7s
[CV 5/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

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[CV 5/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-28.196, test=-3202.525)
total time= 15.2s

[CV 3/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 3/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.042, test=-3327.572)
total time= 38.1s

[CV 4/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 4/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-32.176, test=-3263.930)
total time= 15.1s

[CV 2/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 2/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.125, test=-3290.794)
total time= 37.7s

[CV 3/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 3/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-32.272, test=-3508.302)
total time= 15.2s

[CV 1/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 1/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.101, test=-3130.535)
total time= 37.6s

[CV 2/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-34.340, test=-3276.579)
total time= 14.9s

[CV 5/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-11.447, test=-3376.775)
total time= 18.5s

[CV 3/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 3/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1369.641, test=-3256.572)
total time= 1.5s

[CV 1/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 1/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-704.465, test=-3049.438)
total time= 3.8s

[CV 4/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 4/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-708.545, test=-3193.589) total time= 3.8s

[CV 2/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 2/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-221.915, test=-3251.318) total time= 7.5s

[CV 5/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 5/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-222.179, test=-3367.427) total time= 7.4s

[CV 1/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 1/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-14.208, test=-3193.814) total time= 18.6s

[CV 4/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 4/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-0.109, test=-3284.132) total time= 37.3s

[CV 2/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 2/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-21.036, test=-3281.517) total time= 18.4s

[CV 5/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 5/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-0.250, test=-3199.672) total time= 37.2s

[CV 3/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 3/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-17.154, test=-3379.722) total time= 18.7s

[CV 1/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 1/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-1847.077, test=-2659.849) total time= 0.8s

[CV 3/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 3/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=100;; score=(train=-230.210, test=-3362.117)
total time= 7.6s
[CV 1/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-30.783, test=-3133.498)
total time= 15.0s
[CV 4/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-11.305, test=-3285.925)
total time= 18.8s
[CV 5/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1722.757, test=-2927.278)
total time= 0.8s
[CV 2/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1477.658, test=-2944.864)
total time= 1.5s
[CV 5/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1334.803, test=-3103.198)
total time= 1.5s
[CV 2/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-647.397, test=-3179.806)
total time= 3.8s
[CV 5/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-699.397, test=-3302.202)
total time= 3.8s
[CV 3/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-225.866, test=-3363.231)
total time= 7.5s
[CV 1/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-30.783, test=-3131.513)
total time= 15.1s
[CV 4/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250
[CV 4/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-11.305, test=-3272.182)
total time= 18.8s
[CV 5/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1836.958, test=-2840.827)
total time= 0.8s
[CV 2/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1414.198, test=-3002.730)
total time= 1.5s
[CV 4/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1408.875, test=-2947.356)
total time= 1.5s
[CV 2/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-733.880, test=-3160.179)
total time= 3.8s
[CV 5/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-767.264, test=-3141.191)
total time= 3.8s
[CV 3/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-278.138, test=-3337.787)
total time= 7.5s
[CV 1/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-45.507, test=-3269.269)
total time= 14.8s
[CV 4/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-21.852, test=-3186.040)
total time= 18.7s
[CV 3/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1819.504, test=-2969.886)

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total time= 0.7s
[CV 5/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1836.958, test=-2839.480)
total time= 0.8s
[CV 2/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1414.198, test=-2999.310)
total time= 1.5s
[CV 5/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1355.653, test=-2950.444)
total time= 1.5s
[CV 3/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-672.784, test=-3288.509)
total time= 3.7s
[CV 1/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-270.604, test=-3228.365)
total time= 7.4s
[CV 4/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-290.508, test=-3164.108)
total time= 7.5s
[CV 5/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-51.303, test=-3160.395)
total time= 15.6s
[CV 3/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.243, test=-3376.171)
total time= 37.4s
[CV 2/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1477.658, test=-2938.647)
total time= 1.6s
[CV 5/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 5/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1334.803, test=-3101.330)
total time= 1.5s

[CV 3/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 3/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-660.789, test=-3480.058)
total time= 3.8s

[CV 1/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 1/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-242.979, test=-3131.503)
total time= 7.6s

[CV 4/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 4/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-221.843, test=-3260.498)
total time= 7.6s

[CV 5/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 5/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-30.768, test=-3387.231)
total time= 15.2s

[CV 3/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 3/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.094, test=-3386.045)
total time= 37.8s

[CV 4/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 4/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-32.176, test=-3279.937)
total time= 15.1s

[CV 2/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 2/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.125, test=-3314.017)
total time= 37.6s

[CV 3/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 3/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-28.252, test=-3447.099)
total time= 15.1s

[CV 1/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.101, test=-3119.105)
total time= 37.6s

[CV 2/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 2/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-50.157, test=-3262.641)
total time= 14.9s
[CV 5/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 5/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-20.106, test=-3306.956)
total time= 18.7s
[CV 4/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 4/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-1408.875, test=-2957.339)
total time= 1.5s
[CV 2/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 2/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50;; score=(train=-733.880, test=-3166.289)
total time= 3.8s
[CV 5/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 5/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=50;; score=(train=-709.793, test=-3091.137)
total time= 3.7s
[CV 3/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 3/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-278.138, test=-3347.595)
total time= 7.5s
[CV 1/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 1/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-45.507, test=-3266.237)
total time= 14.1s
[CV 4/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 4/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-21.852, test=-3179.741)
total time= 18.7s
[CV 3/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 3/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-1819.504, test=-2980.132)
total time= 0.8s
[CV 5/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 5/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10;; score=(train=-1734.582, test=-2912.365)
total time= 0.7s
[CV 2/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1414.198, test=-2997.028)
total time= 1.5s
[CV 4/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1408.875, test=-2951.101)
total time= 1.5s
[CV 2/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-733.880, test=-3151.542)
total time= 3.8s
[CV 5/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-709.793, test=-3081.488)
total time= 3.7s
[CV 3/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-278.138, test=-3348.193)
total time= 7.4s
[CV 1/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-45.507, test=-3280.411)
total time= 14.8s
[CV 4/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-21.852, test=-3182.524)
total time= 18.5s
[CV 1/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-704.465, test=-3049.948)
total time= 3.8s
[CV 4/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-708.545, test=-3191.658)
total time= 3.7s
[CV 2/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100
[CV 2/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-221.915, test=-3279.325)
total time= 7.5s
[CV 5/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-222.179, test=-3361.126)
total time= 7.5s
[CV 1/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-11.605, test=-3123.904)
total time= 18.8s
[CV 4/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.109, test=-3287.955)
total time= 37.7s
[CV 2/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-12.444, test=-3284.593)
total time= 18.8s
[CV 5/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.082, test=-3373.292)
total time= 37.6s
[CV 3/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-12.572, test=-3271.286)
total time= 18.8s
[CV 1/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1886.533, test=-2688.195)
total time= 0.8s
[CV 2/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1836.548, test=-2718.693)
total time= 0.8s
[CV 3/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1838.022, test=-2920.714)

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total time= 0.8s
[CV 4/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1859.191, test=-2796.112)
total time= 0.8s
[CV 1/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1442.078, test=-2933.441)
total time= 1.5s
[CV 4/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1490.159, test=-3017.385)
total time= 1.5s
[CV 3/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-720.427, test=-3214.390)
total time= 3.8s
[CV 1/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-242.979, test=-3125.460)
total time= 7.6s
[CV 4/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-221.843, test=-3276.638)
total time= 7.5s
[CV 4/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-32.176, test=-3275.346)
total time= 15.0s
[CV 2/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.125, test=-3281.020)
total time= 37.5s
[CV 3/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-43.423, test=-3351.704)
total time= 14.9s
[CV 1/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

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[CV 1/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.333, test=-3277.572)
total time= 37.2s
[CV 2/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-50.157, test=-3256.313)
total time= 15.4s
[CV 1/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.333, test=-3256.307)
total time= 37.2s
[CV 2/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-50.157, test=-3279.405)
total time= 15.0s
[CV 5/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-23.825, test=-3198.101)
total time= 18.7s
[CV 4/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1408.875, test=-2950.467)
total time= 1.5s
[CV 2/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-733.880, test=-3159.022)
total time= 3.7s
[CV 5/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-225.866, test=-3352.563)
total time= 7.6s
[CV 1/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-30.783, test=-3132.607)
total time= 15.3s
[CV 4/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250;; score=(train=-11.305, test=-3290.786)
total time= 19.0s
[CV 3/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1824.516, test=-3013.870)
total time= 0.8s
[CV 5/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1722.757, test=-2924.286)
total time= 0.8s
[CV 3/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1438.943, test=-3097.958)
total time= 1.5s
[CV 1/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-704.465, test=-3042.814)
total time= 3.8s
[CV 4/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-708.545, test=-3196.276)
total time= 3.8s
[CV 2/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-221.915, test=-3276.030)
total time= 7.6s
[CV 5/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-222.179, test=-3352.393)
total time= 7.5s
[CV 1/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-11.605, test=-3122.707)
total time= 18.9s
[CV 4/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.109, test=-3275.235)
total time= 37.7s
[CV 2/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250
[CV 2/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-12.444, test=-3272.618)
total time= 18.8s
[CV 5/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.082, test=-3371.492)
total time= 37.5s
[CV 3/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-17.154, test=-3362.376)
total time= 18.6s
[CV 1/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1847.077, test=-2658.309)
total time= 0.8s
[CV 2/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1841.865, test=-2868.169)
total time= 0.8s
[CV 4/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1854.709, test=-2838.545)
total time= 0.8s
[CV 1/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1376.558, test=-2901.594)
total time= 1.5s
[CV 3/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1395.205, test=-3169.545)
total time= 1.5s
[CV 1/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-713.750, test=-3184.019)
total time= 3.7s
[CV 4/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-726.595, test=-3094.372)

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total time= 3.7s
[CV 2/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-288.984, test=-3260.860)
total time= 7.4s
[CV 5/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-271.341, test=-3296.825)
total time= 7.6s
[CV 1/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-19.160, test=-3271.968)
total time= 18.7s
[CV 4/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.335, test=-3188.981)
total time= 37.2s
[CV 2/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-21.036, test=-3271.564)
total time= 18.8s
[CV 5/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.461, test=-3195.964)
total time= 37.6s
[CV 4/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-154.538, test=-3337.163)
total time= 7.6s
[CV 5/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-14.246, test=-3218.121)
total time= 15.2s
[CV 3/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.015, test=-3403.177)
total time= 38.1s
[CV 4/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-31.088, test=-3065.959)

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total time= 15.3s
[CV 2/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.060, test=-3176.525)
total time= 37.2s
[CV 3/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-32.885, test=-3269.571)
total time= 15.2s
[CV 1/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.129, test=-3192.515)
total time= 37.4s
[CV 2/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-34.340, test=-3293.189)
total time= 15.1s
[CV 5/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-11.447, test=-3388.412)
total time= 18.8s
[CV 2/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1477.658, test=-2932.502)
total time= 1.6s
[CV 5/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1334.803, test=-3111.210)
total time= 1.5s
[CV 3/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-611.878, test=-3313.088)
total time= 3.8s
[CV 1/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-242.979, test=-3120.326)
total time= 7.6s
[CV 4/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

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[CV 4/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-221.843, test=-3249.943)
total time= 7.6s

[CV 5/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 5/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-30.768, test=-3374.621)
total time= 15.2s

[CV 3/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.099, test=-3376.536)
total time= 37.8s

[CV 5/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 5/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-30.768, test=-3377.337)
total time= 15.2s

[CV 3/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 3/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.085, test=-3462.363)
total time= 37.9s

[CV 5/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 5/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-45.532, test=-3298.809)
total time= 15.0s

[CV 3/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 3/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.243, test=-3361.508)
total time= 37.5s

[CV 4/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 4/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-49.943, test=-3199.038)
total time= 15.0s

[CV 2/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 2/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.397, test=-3272.185)
total time= 37.1s

[CV 3/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 3/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-43.423, test=-3382.933)
total time= 14.8s

[CV 1/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 1/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-0.333, test=-3258.946)
total time= 36.9s

[CV 2/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 2/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-50.157, test=-3263.417)
total time= 14.9s

[CV 5/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 5/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-21.138, test=-3194.014)
total time= 18.7s

[CV 1/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 1/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-272.518, test=-3285.347)
total time= 2.3s

[CV 4/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 4/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-325.138, test=-3121.789)
total time= 2.3s

[CV 2/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 2/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-3.620, test=-2863.120)
total time= 5.6s

[CV 2/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-288.984, test=-3259.097)
total time= 7.5s

[CV 5/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 5/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-273.400, test=-3183.718)
total time= 7.5s

[CV 1/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 1/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-19.160, test=-3273.109)
total time= 18.6s

[CV 4/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 4/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-0.335, test=-3182.756)
total time= 37.8s

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[CV 2/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-21.036, test=-3282.061)
total time= 18.9s
[CV 5/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.250, test=-3195.826)
total time= 37.1s
[CV 3/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-17.154, test=-3369.645)
total time= 18.6s
[CV 1/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1847.077, test=-2652.384)
total time= 0.8s
[CV 3/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1819.504, test=-2981.300)
total time= 0.8s
[CV 5/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1836.812, test=-2799.254)
total time= 0.8s
[CV 2/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1414.198, test=-3004.354)
total time= 1.5s
[CV 5/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1476.114, test=-2946.275)
total time= 1.5s
[CV 3/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-672.784, test=-3313.405)
total time= 3.7s
[CV 1/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100;; score=(train=-270.604, test=-3229.573)
total time= 7.5s
[CV 4/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-290.508, test=-3160.023)
total time= 7.4s
[CV 4/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-49.943, test=-3202.759)
total time= 14.8s
[CV 2/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.397, test=-3279.771)
total time= 37.1s
[CV 4/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.030, test=-3108.278)
total time= 11.4s
[CV 2/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2877.927)
total time= 27.9s
[CV 5/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3355.033)
total time= 57.8s
[CV 3/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3338.319)
total time= 27.8s
[CV 1/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-934.656, test=-2873.200)
total time= 1.1s
[CV 2/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-909.729, test=-3111.965)
total time= 1.1s
[CV 4/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10
[CV 4/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1088.349, test=-3080.107)
total time= 1.2s
[CV 1/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-334.113, test=-2963.469)
total time= 2.2s
[CV 3/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-348.560, test=-3304.718)
total time= 2.2s
[CV 5/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-382.300, test=-3158.658)
total time= 2.2s
[CV 3/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-27.233, test=-3309.880)
total time= 5.5s
[CV 1/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1841.865, test=-2864.936)
total time= 0.8s
[CV 4/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1854.709, test=-2813.484)
total time= 0.8s
[CV 1/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1376.558, test=-2905.932)
total time= 1.5s
[CV 3/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1395.205, test=-3151.289)
total time= 1.5s
[CV 5/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

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[CV 5/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1476.114, test=-2934.814)
total time= 1.5s

[CV 3/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 3/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-672.784, test=-3284.010)
total time= 3.8s

[CV 1/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 1/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-270.604, test=-3229.025)
total time= 7.4s

[CV 4/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 4/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-290.508, test=-3156.111)
total time= 7.4s

[CV 5/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 5/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-47.544, test=-3194.071)
total time= 14.9s

[CV 3/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 3/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.243, test=-3345.858)
total time= 37.5s

[CV 5/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 5/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-58.494, test=-3187.203)
total time= 15.0s

[CV 3/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 3/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.243, test=-3374.830)
total time= 37.2s

[CV 5/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 5/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.011, test=-3357.523)
total time= 11.3s

[CV 3/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 3/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3486.684)
total time= 28.0s

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[CV 1/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-724.162, test=-3051.677)
total time= 1.1s
[CV 2/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-909.096, test=-3079.145)
total time= 1.1s
[CV 3/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-681.935, test=-3294.397)
total time= 1.1s
[CV 4/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1065.369, test=-3155.005)
total time= 1.2s
[CV 5/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-823.030, test=-3415.614)
total time= 1.1s
[CV 1/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-249.575, test=-3242.430)
total time= 2.3s
[CV 2/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-314.306, test=-3156.614)
total time= 2.3s
[CV 3/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-164.373, test=-3453.611)
total time= 2.2s
[CV 1/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-10.968, test=-3223.990)
total time= 5.6s
[CV 4/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50;; score=(train=-11.030, test=-3222.504)
total time= 5.7s
[CV 2/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.026, test=-3165.794)
total time= 11.2s
[CV 5/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.040, test=-3455.399)
total time= 11.4s
[CV 4/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3236.404)
total time= 22.5s
[CV 2/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3169.399)
total time= 58.2s
[CV 4/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-49.943, test=-3186.855)
total time= 14.8s
[CV 2/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.397, test=-3285.348)
total time= 37.0s
[CV 3/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-43.423, test=-3376.460)
total time= 15.1s
[CV 1/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.333, test=-3271.613)
total time= 37.7s
[CV 1/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3343.340)

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total time= 22.3s
[CV 4/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3166.778)
total time= 28.0s
[CV 4/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-337.696, test=-3217.154)
total time= 2.3s
[CV 2/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-7.693, test=-3200.826)
total time= 5.6s
[CV 5/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-12.614, test=-3477.044)
total time= 5.7s
[CV 3/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.026, test=-3340.494)
total time= 11.1s
[CV 1/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3245.615)
total time= 22.5s
[CV 4/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3259.941)
total time= 28.1s
[CV 3/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-785.691, test=-3292.570)
total time= 1.1s
[CV 5/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-885.633, test=-3085.951)
total time= 1.1s
[CV 2/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

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[CV 2/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-418.560, test=-3152.810)
total time= 2.2s

[CV 4/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 4/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-450.510, test=-3126.844)
total time= 2.3s

[CV 1/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 1/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-28.820, test=-3101.507)
total time= 5.7s

[CV 4/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 4/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-40.721, test=-3191.529)
total time= 5.9s

[CV 2/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 2/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.635, test=-3174.441)
total time= 11.5s

[CV 1/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 1/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-2991.719)
total time= 22.9s

[CV 3/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 3/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3307.561)
total time= 28.4s

[CV 1/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 1/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1090.386, test=-2939.482)
total time= 1.1s

[CV 2/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 2/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1075.509, test=-3032.279)
total time= 1.1s

[CV 3/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 3/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1066.211, test=-3361.910)
total time= 1.1s

[CV 5/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10
[CV 5/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=10;; score=(train=-1061.193, test=-3113.640) total time= 1.2s

[CV 2/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 2/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-520.436, test=-3038.180) total time= 2.3s

[CV 4/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 4/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-690.032, test=-3179.927) total time= 2.3s

[CV 2/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 2/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-60.054, test=-3065.095) total time= 5.7s

[CV 5/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50

[CV 2/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 2/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1841.865, test=-2868.169) total time= 0.8s

[CV 4/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1854.709, test=-2819.015) total time= 0.8s

[CV 1/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1376.558, test=-2902.789) total time= 1.5s

[CV 3/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1395.205, test=-3156.219) total time= 1.5s

[CV 1/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-713.750, test=-3180.983) total time= 3.7s

[CV 4/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50
[CV 4/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-726.595, test=-3098.252)
total time= 4.0s
[CV 2/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-288.984, test=-3263.078)
total time= 7.6s
[CV 5/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-291.398, test=-3192.492)
total time= 7.4s
[CV 1/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-19.160, test=-3285.055)
total time= 18.5s
[CV 4/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.335, test=-3186.077)
total time= 37.0s
[CV 5/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3365.743)
total time= 22.3s
[CV 2/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2903.170)
total time= 58.6s
[CV 5/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3477.777)
total time= 22.3s
[CV 3/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3335.345)
total time= 57.9s
[CV 1/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-2985.160)

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total time= 28.1s
[CV 4/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3186.392)
total time= 56.6s
[CV 2/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3054.753)
total time= 27.8s
[CV 5/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3246.929)
total time= 55.5s
[CV 3/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3455.329)
total time= 27.8s
[CV 1/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-999.085, test=-3144.206)
total time= 1.1s
[CV 2/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1053.486, test=-3027.787)
total time= 1.1s
[CV 3/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1016.646, test=-3176.349)
total time= 1.2s
[CV 4/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1112.143, test=-3150.419)
total time= 1.1s
[CV 1/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-471.584, test=-3223.207)
total time= 2.3s
[CV 3/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

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[CV 3/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-386.049, test=-3300.958)
total time= 2.3s

[CV 5/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 5/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-437.606, test=-3198.236)
total time= 2.3s

[CV 3/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 3/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-36.252, test=-3333.621)
total time= 5.7s

[CV 1/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 1/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1.489, test=-3261.566)
total time= 11.5s

[CV 4/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 5/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-767.264, test=-3137.832)
total time= 3.8s

[CV 3/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 3/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-278.138, test=-3348.453)
total time= 7.5s

[CV 1/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 1/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-45.507, test=-3266.503)
total time= 14.9s

[CV 4/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 4/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-21.852, test=-3211.102)
total time= 18.7s

[CV 2/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 2/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-659.955, test=-2986.672)
total time= 1.1s

[CV 4/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 4/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-860.611, test=-3066.369)
total time= 1.2s

[CV 2/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 2/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-170.321, test=-2888.055)
total time= 2.2s

[CV 5/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 5/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-222.375, test=-3371.352)
total time= 2.3s

[CV 3/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 3/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-4.286, test=-3477.251)
total time= 5.6s

[CV 1/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 1/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-0.019, test=-3370.281)
total time= 11.3s

[CV 2/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 2/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3164.088)
total time= 22.4s

[CV 5/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 5/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3374.740)
total time= 27.8s

[CV 5/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 5/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-292.159, test=-3455.040)
total time= 2.3s

[CV 3/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 3/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-7.190, test=-3346.999)
total time= 5.6s

[CV 1/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 1/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-0.034, test=-3196.103)
total time= 11.3s

[CV 4/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 4/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=100;; score=(train=-0.039, test=-3225.365)
total time= 11.3s
[CV 2/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3145.645)
total time= 22.4s
[CV 5/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3446.386)
total time= 28.0s
[CV 2/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-37.305, test=-3173.850)
total time= 5.8s
[CV 5/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-30.528, test=-3188.910)
total time= 5.9s
[CV 3/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.396, test=-3300.748)
total time= 11.1s
[CV 5/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.480, test=-3188.405)
total time= 11.2s
[CV 5/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3184.176)
total time= 22.6s
[CV 3/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3304.433)
total time= 56.0s
[CV 4/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.004, test=-3302.992)
total time= 22.6s
[CV 2/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=500
[CV 2/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3072.333)
total time= 56.2s
[CV 4/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3264.689)
total time= 22.1s
[CV 3/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3338.708)
total time= 55.7s
[CV 3/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3324.181)
total time= 22.6s
[CV 5/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-21.138, test=-3203.495)
total time= 18.9s
[CV 1/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-713.750, test=-3165.247)
total time= 3.8s
[CV 4/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-726.595, test=-3121.216)
total time= 3.7s
[CV 2/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-288.984, test=-3270.293)
total time= 7.5s
[CV 5/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-273.400, test=-3175.217)
total time= 7.5s
[CV 1/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-19.160, test=-3264.974)

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total time= 18.7s
[CV 4/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.335, test=-3191.373)
total time= 37.5s
[CV 2/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-21.036, test=-3270.281)
total time= 18.6s
[CV 5/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.461, test=-3208.244)
total time= 37.0s
[CV 1/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3300.208)
total time= 27.9s
[CV 4/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3130.457)
total time= 58.4s
[CV 2/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3173.549)
total time= 28.0s
[CV 5/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3467.753)
total time= 58.1s
[CV 4/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3191.869)
total time= 28.0s
[CV 4/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1168.201, test=-3124.703)
total time= 1.1s
[CV 1/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

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[CV 1/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-446.058, test=-3190.636)
total time= 2.2s

[CV 3/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 3/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-503.704, test=-3526.380)
total time= 2.3s

[CV 1/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 1/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-51.045, test=-3193.586)
total time= 5.6s

[CV 4/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 4/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-78.054, test=-3281.836)
total time= 5.7s

[CV 2/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 2/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2.300, test=-3066.404)
total time= 11.2s

[CV 5/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 5/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2.394, test=-3234.526)
total time= 11.1s

[CV 1/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 1/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3222.073)
total time= 27.8s

[CV 4/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 4/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3293.203)
total time= 55.7s

[CV 2/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 2/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3221.774)
total time= 27.7s

[CV 5/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 5/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3202.237)
total time= 55.7s

[CV 3/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=250

[CV 3/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3340.510)

total time= 28.7s

[CV 1/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=10

[CV 1/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=10;; score=(train=-999.085, test=-3166.022)

total time= 1.1s

[CV 2/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=10

[CV 2/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=10;; score=(train=-1053.486, test=-3044.001)

total time= 1.2s

[CV 4/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=10

[CV 3/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250

[CV 3/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-17.154, test=-3367.793)

total time= 18.8s

[CV 1/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10

[CV 1/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-779.080, test=-3192.741)

total time= 1.2s

[CV 3/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10

[CV 3/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-732.741, test=-3513.499)

total time= 1.1s

[CV 5/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10

[CV 5/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-941.419, test=-3266.773)

total time= 1.2s

[CV 3/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20

[CV 3/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-186.832, test=-3516.480)

total time= 2.3s

[CV 1/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50

[CV 1/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-9.807, test=-3282.913)

total time= 5.7s

[CV 4/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50
[CV 4/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-9.867, test=-3089.931)
total time= 5.7s
[CV 2/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.015, test=-3109.767)
total time= 11.3s
[CV 3/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3497.038)
total time= 22.7s
[CV 1/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3330.254)
total time= 57.7s
[CV 3/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3316.452)
total time= 22.4s
[CV 1/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3261.981)
total time= 57.7s
[CV 3/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3308.098)
total time= 22.4s
[CV 1/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2969.805)
total time= 56.4s
[CV 2/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3065.994)
total time= 22.4s
[CV 5/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3255.123)

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total time= 27.8s
[CV 5/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-437.606, test=-3197.226)
total time= 2.2s
[CV 3/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-41.992, test=-3434.055)
total time= 5.5s
[CV 1/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1.489, test=-3271.545)
total time= 11.0s
[CV 4/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1.099, test=-3263.099)
total time= 11.0s
[CV 5/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3201.660)
total time= 21.8s
[CV 2/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3216.817)
total time= 55.7s
[CV 2/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3227.022)
total time= 22.6s
[CV 5/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3222.435)
total time= 28.0s
[CV 5/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-437.606, test=-3202.312)
total time= 2.2s
[CV 3/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

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[CV 3/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-36.252, test=-3324.836)
total time= 5.6s

[CV 1/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 1/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.489, test=-3251.244)
total time= 11.3s

[CV 4/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 4/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.099, test=-3261.734)
total time= 11.3s

[CV 5/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 5/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-76.041, test=-3241.727)
total time= 5.7s

[CV 3/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 3/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2.255, test=-3573.983)
total time= 11.2s

[CV 1/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 1/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3218.344)
total time= 22.4s

[CV 4/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3295.744)
total time= 28.1s

[CV 3/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 3/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1016.646, test=-3181.196)
total time= 1.1s

[CV 5/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 5/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1067.176, test=-3106.944)
total time= 1.1s

[CV 2/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 2/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-554.520, test=-3152.083)
total time= 2.3s

[CV 4/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 4/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-480.749, test=-3253.472)
total time= 2.2s

[CV 2/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 2/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-59.138, test=-3235.508)
total time= 5.5s

[CV 5/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 5/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-36.358, test=-3197.371)
total time= 5.5s

[CV 3/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 3/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-0.843, test=-3335.974)
total time= 11.0s

[CV 1/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 1/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3250.881)
total time= 22.1s

[CV 4/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 4/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3268.014)
total time= 27.6s

[CV 5/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 5/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1067.176, test=-3112.103)
total time= 1.1s

[CV 2/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 2/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-554.520, test=-3151.516)
total time= 2.3s

[CV 4/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 4/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-480.749, test=-3250.540)
total time= 2.2s

[CV 2/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 2/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-59.138, test=-3206.685)
total time= 5.6s
[CV 5/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-36.358, test=-3200.785)
total time= 5.7s
[CV 3/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.843, test=-3330.535)
total time= 11.2s
[CV 1/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3266.656)
total time= 22.8s
[CV 4/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3264.350)
total time= 27.9s
[CV 3/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1016.646, test=-3179.821)
total time= 1.1s
[CV 5/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1067.176, test=-3114.465)
total time= 1.1s
[CV 2/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-554.520, test=-3157.074)
total time= 2.3s
[CV 4/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-480.749, test=-3262.646)
total time= 2.3s
[CV 2/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-59.138, test=-3220.344)
total time= 5.6s
[CV 5/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50
[CV 5/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-36.358, test=-3205.191)
total time= 5.6s
[CV 3/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.449, test=-3444.748)
total time= 11.3s
[CV 1/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3280.637)
total time= 22.4s
[CV 5/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-4.563, test=-3357.637)
total time= 5.6s
[CV 3/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.019, test=-3523.483)
total time= 11.2s
[CV 4/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3091.236)
total time= 22.9s
[CV 3/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3454.099)
total time= 58.6s
[CV 1/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3237.761)
total time= 28.5s
[CV 4/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3221.145)
total time= 58.0s
[CV 2/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3273.819)

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total time= 28.1s
[CV 5/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3200.417)
total time= 56.9s
[CV 3/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3570.452)
total time= 28.2s
[CV 1/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-999.085, test=-3139.863)
total time= 1.1s
[CV 2/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1053.486, test=-3038.681)
total time= 1.1s
[CV 4/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1112.143, test=-3151.693)
total time= 1.1s
[CV 1/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-471.584, test=-3255.054)
total time= 2.2s
[CV 3/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-386.049, test=-3311.571)
total time= 2.2s
[CV 1/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-54.743, test=-3263.718)
total time= 5.6s
[CV 4/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-37.244, test=-3266.302)
total time= 5.5s
[CV 2/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

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[CV 2/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1.070, test=-3224.931)
total time= 11.1s
[CV 5/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.817, test=-3214.357)
total time= 11.1s
[CV 1/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3251.000)
total time= 28.0s
[CV 4/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3266.558)
total time= 56.5s
[CV 2/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3211.599)
total time= 28.6s
[CV 5/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3202.038)
total time= 55.3s
[CV 3/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3340.144)
total time= 27.8s
[CV 1/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1149.858, test=-2992.430)
total time= 1.1s
[CV 2/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1242.814, test=-2895.719)
total time= 1.2s
[CV 4/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1214.854, test=-2980.162)
total time= 1.1s

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[CV 1/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 1/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-644.369, test=-3148.034) total time= 2.3s
[CV 3/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 3/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-624.118, test=-3272.045) total time= 2.2s
[CV 1/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 1/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-0.294, test=-2999.460) total time= 11.4s
[CV 4/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 4/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-0.504, test=-3224.085) total time= 11.3s
[CV 2/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 2/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3285.254) total time= 22.8s
[CV 5/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 5/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3201.380) total time= 28.4s
[CV 5/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 5/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-589.415, test=-3179.726) total time= 2.3s
[CV 3/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 3/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-59.284, test=-3573.244) total time= 5.7s
[CV 1/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 1/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-1.346, test=-3204.360) total time= 11.1s
[CV 4/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 4/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100;; score=(train=-3.388, test=-3297.743)
total time= 11.3s
[CV 3/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3581.503)
total time= 22.5s
[CV 1/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3222.328)
total time= 56.4s
[CV 2/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3225.718)
total time= 22.4s
[CV 5/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3207.579)
total time= 27.7s
[CV 1/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-54.743, test=-3268.605)
total time= 5.7s
[CV 4/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-37.244, test=-3260.091)
total time= 5.6s
[CV 2/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1.070, test=-3226.167)
total time= 11.2s
[CV 5/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.817, test=-3196.792)
total time= 11.3s
[CV 1/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3254.902)
total time= 28.7s
[CV 4/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500
[CV 4/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3265.683)
total time= 56.1s
[CV 2/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3213.417)
total time= 28.2s
[CV 5/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3204.377)
total time= 55.1s
[CV 3/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3429.523)
total time= 27.5s
[CV 1/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1147.851, test=-3083.842)
total time= 1.1s
[CV 2/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1193.754, test=-2940.228)
total time= 1.1s
[CV 3/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1163.525, test=-3291.806)
total time= 1.1s
[CV 5/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1120.473, test=-3193.246)
total time= 1.1s
[CV 2/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-618.329, test=-3044.589)
total time= 2.2s
[CV 5/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-660.873, test=-3216.575)

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total time= 2.2s
[CV 3/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-111.022, test=-3416.119)
total time= 5.4s
[CV 1/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-9.797, test=-3146.353)
total time= 10.9s
[CV 1/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3254.852)
total time= 56.4s
[CV 2/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3218.650)
total time= 22.7s
[CV 5/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3193.612)
total time= 27.6s
[CV 4/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-564.041, test=-3160.731)
total time= 2.3s
[CV 2/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-83.862, test=-3079.690)
total time= 5.5s
[CV 5/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-67.449, test=-3234.722)
total time= 5.5s
[CV 3/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-3.501, test=-3423.197)
total time= 11.0s
[CV 1/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

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[CV 1/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.009, test=-3164.687)
total time= 22.2s

[CV 4/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 4/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3213.119)
total time= 27.5s

[CV 4/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 4/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1146.064, test=-3149.168)
total time= 1.1s

[CV 1/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 1/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-622.170, test=-3144.926)
total time= 2.2s

[CV 4/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 4/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-663.533, test=-3147.643)
total time= 2.1s

[CV 2/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 2/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-93.125, test=-3103.990)
total time= 5.4s

[CV 5/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 5/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-115.738, test=-3281.490)
total time= 5.5s

[CV 3/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 3/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-10.105, test=-3426.361)
total time= 11.0s

[CV 1/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 1/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.050, test=-3160.596)
total time= 21.8s

[CV 4/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 4/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.005, test=-3200.293)
total time= 27.3s

[CV 2/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-1193.754, test=-2947.187)
total time= 1.1s
[CV 4/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 4/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-1146.064, test=-3134.128)
total time= 1.1s
[CV 1/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 1/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-622.170, test=-3158.846)
total time= 2.2s
[CV 4/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 4/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-622.974, test=-3143.230)
total time= 2.1s
[CV 2/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-93.125, test=-3094.417)
total time= 5.3s
[CV 5/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 5/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-115.738, test=-3280.917)
total time= 5.4s
[CV 3/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 3/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-6.269, test=-3415.533)
total time= 10.8s
[CV 1/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 1/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-0.050, test=-3134.838)
total time= 21.7s
[CV 4/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 4/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-0.003, test=-3177.440)
total time= 27.1s
[CV 3/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 3/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10;; score=(train=-1225.517, test=-3292.689)
total time= 1.1s
[CV 5/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1120.473, test=-3188.558)
total time= 1.1s
[CV 2/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3187.552)
total time= 22.6s
[CV 2/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3290.888)
total time= 56.5s
[CV 5/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3227.786)
total time= 22.2s
[CV 3/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3580.008)
total time= 55.9s
[CV 3/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3334.539)
total time= 22.1s
[CV 1/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3253.711)
total time= 56.2s
[CV 4/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3265.076)
total time= 23.0s
[CV 2/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3207.823)
total time= 56.4s
[CV 3/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=200
[CV 3/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3333.938)
total time= 22.5s
[CV 1/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3250.661)
total time= 55.1s
[CV 2/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.008, test=-3103.034)
total time= 21.9s
[CV 5/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3258.450)
total time= 27.3s
[CV 3/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-701.478, test=-3410.506)
total time= 2.2s
[CV 1/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-122.511, test=-3149.663)
total time= 5.4s
[CV 4/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-127.752, test=-3194.905)
total time= 5.4s
[CV 2/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-6.163, test=-3100.492)
total time= 10.8s
[CV 5/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-6.571, test=-3282.395)
total time= 10.8s
[CV 1/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.005, test=-3139.497)

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total time= 27.0s
[CV 4/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3234.995)
total time= 54.3s
[CV 2/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.003, test=-3107.190)
total time= 27.1s
[CV 5/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3292.664)
total time= 53.7s
[CV 3/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3405.139)
total time= 27.5s
[CV 1/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1147.851, test=-3083.531)
total time= 1.1s
[CV 2/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1193.754, test=-2954.058)
total time= 1.1s
[CV 3/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1225.517, test=-3294.980)
total time= 1.1s
[CV 4/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1146.064, test=-3133.592)
total time= 1.1s
[CV 1/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-622.170, test=-3151.047)
total time= 2.2s
[CV 4/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

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[CV 4/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-641.325, test=-3194.221)
total time= 2.2s

[CV 2/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 2/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-93.125, test=-3106.565)
total time= 5.4s

[CV 4/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 4/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3261.847)
total time= 27.9s

[CV 3/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 3/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1216.196, test=-3157.879)
total time= 1.2s

[CV 5/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 5/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1072.288, test=-3115.955)
total time= 1.1s

[CV 2/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 2/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-669.363, test=-3011.987)
total time= 2.3s

[CV 5/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 5/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-519.414, test=-3229.020)
total time= 2.2s

[CV 3/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 3/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-80.937, test=-3425.572)
total time= 5.5s

[CV 1/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 1/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-3.952, test=-3173.443)
total time= 11.1s

[CV 4/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 4/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-3.965, test=-3233.209)
total time= 11.1s

[CV 5/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-0.008, test=-3254.472)
total time= 22.1s

[CV 3/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 3/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3429.772)
total time= 55.0s

[CV 4/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 4/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-0.057, test=-3225.503)
total time= 21.8s

[CV 2/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 2/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3115.314)
total time= 54.3s

[CV 2/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 2/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-0.039, test=-3108.136)
total time= 21.6s

[CV 5/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 5/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-0.001, test=-3285.044)
total time= 26.7s

[CV 5/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 5/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-660.873, test=-3226.392)
total time= 2.2s

[CV 3/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 3/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-111.022, test=-3410.156)
total time= 5.4s

[CV 1/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 1/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-9.797, test=-3141.165)
total time= 10.0s

[CV 4/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 4/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=100;; score=(train=-10.924, test=-3198.709)
total time= 10.9s
[CV 4/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.039, test=-3178.044)
total time= 21.8s
[CV 3/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3411.882)
total time= 53.3s
[CV 2/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.039, test=-3105.038)
total time= 21.5s
[CV 5/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.001, test=-3299.307)
total time= 26.8s
[CV 3/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-797.377, test=-3183.817)
total time= 2.1s
[CV 1/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-167.763, test=-3158.195)
total time= 5.3s
[CV 4/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-206.235, test=-3176.789)
total time= 5.5s
[CV 2/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-16.696, test=-3239.862)
total time= 10.7s
[CV 5/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-12.976, test=-3287.168)
total time= 10.8s
[CV 1/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250
[CV 1/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.036, test=-3163.045)
total time= 26.8s
[CV 4/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1112.143, test=-3143.324)
total time= 1.1s
[CV 1/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-471.584, test=-3245.935)
total time= 2.3s
[CV 3/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-386.049, test=-3288.995)
total time= 2.3s
[CV 1/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-54.743, test=-3269.414)
total time= 5.7s
[CV 4/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-37.244, test=-3263.906)
total time= 5.6s
[CV 2/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.070, test=-3211.687)
total time= 11.1s
[CV 5/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.817, test=-3203.402)
total time= 11.1s
[CV 1/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3272.128)
total time= 28.3s
[CV 4/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3268.189)

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total time= 55.8s
[CV 2/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.001, test=-3093.062)
total time= 27.8s
[CV 5/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3238.215)
total time= 55.3s
[CV 3/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.002, test=-3526.082)
total time= 27.2s
[CV 1/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1147.851, test=-3097.226)
total time= 1.1s
[CV 3/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1243.947, test=-3251.457)
total time= 1.1s
[CV 5/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1120.473, test=-3190.562)
total time= 1.1s
[CV 2/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-618.329, test=-3032.343)
total time= 2.2s
[CV 5/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-660.873, test=-3220.132)
total time= 2.2s
[CV 3/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-116.972, test=-3526.485)
total time= 5.5s
[CV 1/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

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[CV 1/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-9.797, test=-3118.329)
total time= 11.0s

[CV 4/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 4/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-8.652, test=-3240.729)
total time= 10.9s

[CV 5/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 5/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.019, test=-3286.278)
total time= 21.5s

[CV 3/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 3/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3408.037)
total time= 54.0s

[CV 5/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 5/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.019, test=-3287.097)
total time= 21.7s

[CV 2/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 2/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3101.962)
total time= 54.2s

[CV 3/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 3/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.028, test=-3406.251)
total time= 21.7s

[CV 1/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3143.218)
total time= 54.2s

[CV 2/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 2/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.196, test=-3244.669)
total time= 21.2s

[CV 5/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 5/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.011, test=-3301.695)
total time= 26.6s

[CV 2/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 2/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-772.102, test=-3105.607)
total time= 2.2s

[CV 4/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1.099, test=-3261.197)
total time= 11.4s

[CV 5/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 5/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3200.829)
total time= 22.8s

[CV 3/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 3/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3435.716)
total time= 55.6s

[CV 4/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 4/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3262.240)
total time= 22.3s

[CV 2/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 2/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3204.134)
total time= 55.5s

[CV 3/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 3/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.006, test=-3428.473)
total time= 21.9s

[CV 1/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 1/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3096.231)
total time= 55.4s

[CV 2/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.039, test=-3105.455)
total time= 21.7s

[CV 5/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 5/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.001, test=-3283.529)
total time= 26.9s

[CV 3/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20

[CV 3/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-653.278, test=-3468.838) total time= 2.2s

[CV 1/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50

[CV 1/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-122.511, test=-3123.250) total time= 5.5s

[CV 4/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50

[CV 4/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-131.221, test=-3187.920) total time= 5.5s

[CV 2/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100

[CV 2/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-6.163, test=-3111.908) total time= 10.9s

[CV 5/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100

[CV 5/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-6.571, test=-3280.257) total time= 10.9s

[CV 1/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250

[CV 1/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-0.005, test=-3134.460) total time= 27.1s

[CV 4/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500

[CV 4/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3196.492) total time= 54.9s

[CV 2/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250

[CV 2/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-0.003, test=-3108.422) total time= 27.2s

[CV 5/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500

[CV 5/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3289.578) total time= 53.9s

[CV 3/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250

[CV 3/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-0.002, test=-3519.763)
total time= 27.1s
[CV 1/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1293.776, test=-2928.212)
total time= 1.1s
[CV 3/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1452.780, test=-3018.261)
total time= 1.1s
[CV 5/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1414.655, test=-3003.050)
total time= 1.1s
[CV 2/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-772.102, test=-3118.837)
total time= 2.2s
[CV 5/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-830.367, test=-3099.732)
total time= 2.2s
[CV 3/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-150.938, test=-3267.348)
total time= 5.4s
[CV 1/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-19.753, test=-3161.900)
total time= 10.8s
[CV 4/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-17.886, test=-3192.906)
total time= 10.8s
[CV 5/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.126, test=-3308.908)
total time= 21.4s
[CV 3/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500
[CV 3/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3269.568)
total time= 53.2s
[CV 1/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-91.887, test=-3184.555)
total time= 5.6s
[CV 4/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-85.843, test=-3220.322)
total time= 5.5s
[CV 2/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2.889, test=-3095.322)
total time= 11.0s
[CV 5/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-3.392, test=-3248.523)
total time= 11.1s
[CV 1/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3185.374)
total time= 27.7s
[CV 4/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3215.266)
total time= 55.1s
[CV 2/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.003, test=-3113.025)
total time= 27.0s
[CV 5/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3282.916)
total time= 53.4s
[CV 3/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.002, test=-3401.548)
total time= 27.3s
[CV 1/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10
[CV 1/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1147.851, test=-3083.437)
total time= 1.1s
[CV 2/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1193.754, test=-2952.435)
total time= 1.1s
[CV 4/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1154.604, test=-3110.286)
total time= 1.1s
[CV 1/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-622.170, test=-3144.766)
total time= 2.2s
[CV 3/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-653.278, test=-3473.900)
total time= 2.3s
[CV 1/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-122.511, test=-3112.655)
total time= 5.5s
[CV 4/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-127.752, test=-3177.006)
total time= 5.9s
[CV 3/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-6.759, test=-3517.015)
total time= 11.0s
[CV 1/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.050, test=-3133.974)
total time= 21.9s
[CV 4/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.005, test=-3232.775)

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total time= 27.5s
[CV 5/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1120.473, test=-3194.397)
total time= 1.1s
[CV 2/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-618.329, test=-3036.596)
total time= 2.2s
[CV 5/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-660.873, test=-3221.980)
total time= 2.2s
[CV 3/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-116.972, test=-3516.358)
total time= 5.4s
[CV 1/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-9.797, test=-3126.609)
total time= 11.0s
[CV 4/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-8.652, test=-3230.981)
total time= 11.2s
[CV 5/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.019, test=-3289.108)
total time= 21.5s
[CV 3/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3412.184)
total time= 54.0s
[CV 4/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.250, test=-3190.360)
total time= 21.3s
[CV 2/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

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[CV 2/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3255.382)
total time= 53.8s

[CV 5/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3212.411)
total time= 22.5s

[CV 3/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 3/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3341.869)
total time= 55.4s

[CV 4/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 4/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.008, test=-3224.115)
total time= 22.1s

[CV 2/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 2/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3104.690)
total time= 55.6s

[CV 3/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 3/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.027, test=-3522.973)
total time= 21.7s

[CV 1/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3128.947)
total time= 54.7s

[CV 4/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 4/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.039, test=-3184.199)
total time= 21.7s

[CV 1/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 1/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3122.385)
total time= 53.6s

[CV 2/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.039, test=-3106.707)
total time= 21.7s

[CV 5/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.001, test=-3289.305)
total time= 26.9s

[CV 3/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 3/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-687.351, test=-3351.511)
total time= 2.2s

[CV 1/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 1/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-122.511, test=-3130.581)
total time= 5.4s

[CV 4/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 4/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-127.752, test=-3180.058)
total time= 5.4s

[CV 2/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 2/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-6.163, test=-3112.319)
total time= 10.8s

[CV 5/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 5/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-6.571, test=-3288.858)
total time= 11.3s

[CV 1/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 1/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.005, test=-3131.414)
total time= 27.4s

[CV 4/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 4/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3187.725)
total time= 54.6s

[CV 2/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 2/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.024, test=-3258.584)
total time= 26.8s

[CV 5/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 5/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3307.172)
total time= 53.1s

[CV 3/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.019, test=-3270.953)
total time= 26.8s
[CV 1/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1293.776, test=-2939.599)
total time= 1.1s
[CV 2/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1329.827, test=-2887.404)
total time= 1.1s
[CV 3/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1452.780, test=-3017.812)
total time= 1.1s
[CV 4/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1466.054, test=-2908.916)
total time= 1.1s
[CV 1/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-776.339, test=-3050.344)
total time= 2.1s
[CV 4/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-853.033, test=-3089.819)
total time= 2.2s
[CV 2/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-184.429, test=-3061.582)
total time= 5.3s
[CV 5/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-141.833, test=-3285.874)
total time= 5.2s
[CV 3/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100;; score=(train=-17.748, test=-3271.117)
total time= 10.6s
[CV 2/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-618.329, test=-3030.796)
total time= 2.1s
[CV 4/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-641.325, test=-3185.042)
total time= 2.2s
[CV 2/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-93.125, test=-3101.251)
total time= 5.3s
[CV 5/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-115.738, test=-3275.769)
total time= 5.5s
[CV 2/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-6.163, test=-3105.935)
total time= 11.0s
[CV 5/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-6.571, test=-3285.421)
total time= 10.9s
[CV 1/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.005, test=-3126.882)
total time= 27.5s
[CV 4/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3199.133)
total time= 55.4s
[CV 2/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.003, test=-3100.294)
total time= 27.2s
[CV 5/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3278.292)
total time= 53.6s
[CV 4/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.029, test=-3199.186)
total time= 27.2s
[CV 2/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1367.181, test=-2962.735)
total time= 1.1s
[CV 4/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1466.054, test=-2904.889)
total time= 1.1s
[CV 1/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-776.339, test=-3055.044)
total time= 2.2s
[CV 4/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-853.033, test=-3085.642)
total time= 2.2s
[CV 2/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-162.455, test=-3249.315)
total time= 5.4s
[CV 5/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-162.204, test=-3303.149)
total time= 5.4s
[CV 3/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-17.748, test=-3268.541)
total time= 11.0s
[CV 1/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.261, test=-3151.546)
total time= 21.2s
[CV 4/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 4/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.029, test=-3196.285)
total time= 27.2s
[CV 5/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1247.170, test=-3125.230)
total time= 1.1s
[CV 2/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-772.102, test=-3119.271)
total time= 2.2s
[CV 5/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-830.367, test=-3105.022)
total time= 2.2s
[CV 3/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-150.938, test=-3262.170)
total time= 5.3s
[CV 1/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-19.753, test=-3177.881)
total time= 10.7s
[CV 4/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-17.886, test=-3193.497)
total time= 10.8s
[CV 5/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.120, test=-3297.338)
total time= 21.4s
[CV 3/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3255.952)
total time= 53.4s
[CV 5/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

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[CV 5/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-115.738, test=-3280.638) total time= 5.5s

[CV 3/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100

[CV 3/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-6.759, test=-3511.991) total time= 10.9s

[CV 1/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200

[CV 1/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-0.050, test=-3140.176) total time= 21.5s

[CV 4/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250

[CV 4/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.003, test=-3199.176) total time= 27.4s

[CV 2/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10

[CV 2/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1329.827, test=-2873.531) total time= 1.1s

[CV 4/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10

[CV 4/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-1466.054, test=-2900.357) total time= 1.1s

[CV 1/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20

[CV 1/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-776.339, test=-3059.780) total time= 2.2s

[CV 4/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20

[CV 4/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-853.033, test=-3086.682) total time= 2.2s

[CV 2/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50

[CV 2/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-184.429, test=-3066.396) total time= 5.4s

[CV 5/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50

[CV 5/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-162.204, test=-3294.118) total time= 5.3s

[CV 3/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-17.748, test=-3271.448)
total time= 10.7s
[CV 1/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.261, test=-3161.547)
total time= 21.2s
[CV 3/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.019, test=-3269.134)
total time= 27.0s
[CV 1/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1293.776, test=-2937.311)
total time= 1.1s
[CV 3/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1452.780, test=-3026.925)
total time= 1.1s
[CV 5/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1247.170, test=-3135.342)
total time= 1.1s
[CV 3/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-797.377, test=-3186.223)
total time= 2.2s
[CV 1/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-167.763, test=-3154.044)
total time= 5.4s
[CV 4/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-206.235, test=-3173.166)
total time= 5.5s
[CV 2/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,


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min_samples_split=5, n_estimators=100;; score=(train=-16.696, test=-3254.059)
total time= 10.8s
[CV 5/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-17.178, test=-3303.130)
total time= 10.7s
[CV 1/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.036, test=-3178.766)
total time= 26.7s
[CV 4/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3190.437)
total time= 53.4s
[CV 2/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.024, test=-3240.276)
total time= 26.9s
[CV 5/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3308.812)
total time= 53.2s
[CV 3/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.019, test=-3267.527)
total time= 26.6s
[CV 1/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2158.027, test=-2576.254)
total time= 0.5s
[CV 2/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2165.708, test=-2697.809)
total time= 0.5s
[CV 3/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-10.924, test=-3186.132)

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total time= 11.0s
[CV 5/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.019, test=-3303.259)
total time= 21.5s
[CV 3/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3420.504)
total time= 54.1s
[CV 3/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.027, test=-3413.894)
total time= 22.1s
[CV 2/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3118.754)
total time= 54.6s
[CV 3/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.028, test=-3410.460)
total time= 22.0s
[CV 1/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3149.860)
total time= 54.6s
[CV 4/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.039, test=-3185.117)
total time= 21.8s
[CV 2/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3112.423)
total time= 54.3s
[CV 3/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.169, test=-3288.275)
total time= 21.3s
[CV 1/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

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[CV 1/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3160.733)
total time= 53.9s

[CV 2/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.196, test=-3253.118)
total time= 21.4s

[CV 5/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 5/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.011, test=-3301.999)
total time= 26.7s

[CV 3/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 3/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-797.377, test=-3182.678)
total time= 2.1s

[CV 1/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 1/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-167.763, test=-3168.868)
total time= 5.4s

[CV 4/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 4/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-206.235, test=-3177.255)
total time= 5.4s

[CV 2/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 2/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-16.696, test=-3250.815)
total time= 10.8s

[CV 5/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 5/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-22.007, test=-3254.630)
total time= 10.9s

[CV 1/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.036, test=-3156.716)
total time= 27.2s

[CV 4/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3193.363)
total time= 54.2s

[CV 2/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 2/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-0.024, test=-3234.659)
total time= 26.7s

[CV 5/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 5/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3300.405)
total time= 53.1s

[CV 5/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 5/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-1841.637, test=-3129.198)
total time= 1.0s

[CV 3/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 3/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1344.753, test=-3680.879)
total time= 2.5s

[CV 1/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 1/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-834.869, test=-3169.966)
total time= 4.9s

[CV 4/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 4/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-815.653, test=-3160.208)
total time= 4.9s

[CV 3/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 3/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-290.047, test=-3888.037)
total time= 9.9s

[CV 1/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 1/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-16.474, test=-3260.915)
total time= 24.8s

[CV 2/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 3/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 3/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-0.169, test=-3277.749)
total time= 21.6s

[CV 1/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 1/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3169.192)
total time= 54.0s
[CV 3/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.169, test=-3274.251)
total time= 21.4s
[CV 5/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.011, test=-3300.516)
total time= 26.7s
[CV 4/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-853.033, test=-3100.116)
total time= 2.2s
[CV 2/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-162.455, test=-3230.466)
total time= 5.3s
[CV 1/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-19.753, test=-3173.314)
total time= 10.7s
[CV 4/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-17.886, test=-3208.769)
total time= 10.8s
[CV 4/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.250, test=-3183.871)
total time= 21.6s
[CV 3/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3275.029)
total time= 53.1s
[CV 2/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-159.148, test=-3390.790)

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total time= 12.1s
[CV 4/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-21.173, test=-3289.834)
total time= 24.4s
[CV 3/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-183.314, test=-3915.526)
total time= 12.2s
[CV 1/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2169.780, test=-2595.608)
total time= 0.5s
[CV 2/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2195.551, test=-2762.714)
total time= 0.5s
[CV 4/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2184.634, test=-2772.176)
total time= 0.5s
[CV 1/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1874.033, test=-2766.532)
total time= 1.0s
[CV 4/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1919.099, test=-2886.892)
total time= 1.0s
[CV 2/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1428.625, test=-3177.230)
total time= 2.5s
[CV 5/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1385.815, test=-3259.819)
total time= 2.5s
[CV 3/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

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[CV 3/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-866.569, test=-3611.226)
total time= 4.9s

[CV 1/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 1/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-334.644, test=-3394.168)
total time= 9.8s

[CV 3/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 3/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-216.847, test=-3730.537)
total time= 12.4s

[CV 1/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 1/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2189.086, test=-2546.875)
total time= 0.5s

[CV 2/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 2/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2226.231, test=-2704.836)
total time= 0.5s

[CV 4/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 4/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2184.634, test=-2772.176)
total time= 0.5s

[CV 2/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 2/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1948.114, test=-2909.756)
total time= 1.0s

[CV 5/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 5/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1900.263, test=-3012.370)
total time= 1.0s

[CV 3/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 5/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 5/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-691.988, test=-3222.717)
total time= 2.1s

[CV 3/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 3/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50;; score=(train=-150.938, test=-3271.302)
total time= 5.3s
[CV 1/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-19.753, test=-3167.006)
total time= 10.8s
[CV 4/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-17.886, test=-3196.501)
total time= 10.9s
[CV 5/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.172, test=-3210.963)
total time= 21.4s
[CV 3/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3272.267)
total time= 53.2s
[CV 4/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.250, test=-3195.947)
total time= 21.6s
[CV 2/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3256.963)
total time= 53.9s
[CV 3/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.169, test=-3273.774)
total time= 21.6s
[CV 1/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3171.254)
total time= 53.9s
[CV 3/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-170.239, test=-3835.795)
total time= 12.3s
[CV 1/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=10
[CV 1/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2158.027, test=-2576.254)
total time= 0.5s
[CV 3/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2165.198, test=-3082.478)
total time= 0.5s
[CV 5/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2113.817, test=-3019.691)
total time= 0.5s
[CV 2/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1862.901, test=-2976.431)
total time= 1.0s
[CV 4/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1957.575, test=-2867.738)
total time= 1.0s
[CV 2/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1280.892, test=-3197.163)
total time= 2.5s
[CV 5/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1362.421, test=-3294.760)
total time= 2.5s
[CV 3/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-805.748, test=-3780.921)
total time= 4.9s
[CV 1/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-302.453, test=-3252.226)
total time= 9.8s
[CV 2/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-186.661, test=-3400.504)

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total time= 12.2s
[CV 5/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-16.611, test=-3478.797)
total time= 24.5s
[CV 4/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-206.672, test=-3462.716)
total time= 12.4s
[CV 3/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2189.759, test=-2978.547)
total time= 0.5s
[CV 5/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2118.458, test=-3025.659)
total time= 0.5s
[CV 3/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1916.579, test=-3112.114)
total time= 1.0s
[CV 1/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1412.077, test=-3080.275)
total time= 2.5s
[CV 4/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1399.154, test=-3102.101)
total time= 2.5s
[CV 2/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 4/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3199.804)
total time= 54.1s
[CV 2/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.024, test=-3255.346)
total time= 26.9s
[CV 5/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 5/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3297.792)
total time= 52.3s
[CV 3/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.019, test=-3269.438)
total time= 26.9s
[CV 1/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1293.776, test=-2947.288)
total time= 1.0s
[CV 2/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1329.827, test=-2891.054)
total time= 1.1s
[CV 3/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1452.780, test=-3019.423)
total time= 1.1s
[CV 4/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1466.054, test=-2896.474)
total time= 1.1s
[CV 1/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-776.339, test=-3060.666)
total time= 2.1s
[CV 3/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-797.377, test=-3184.789)
total time= 2.1s
[CV 1/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-167.763, test=-3151.329)
total time= 5.3s
[CV 4/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-206.235, test=-3179.560)

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total time= 5.4s
[CV 2/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-16.696, test=-3251.003)
total time= 10.6s
[CV 5/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-12.976, test=-3298.841)
total time= 10.8s
[CV 1/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.036, test=-3169.032)
total time= 27.0s
[CV 4/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3193.304)
total time= 54.0s
[CV 3/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-14.837, test=-3800.208)
total time= 24.5s
[CV 1/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-182.801, test=-3255.920)
total time= 12.2s
[CV 4/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-18.913, test=-3289.057)
total time= 24.5s
[CV 2/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-214.369, test=-3403.516)
total time= 12.2s
[CV 5/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-27.516, test=-3540.173)
total time= 24.5s
[CV 4/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 4/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-253.940, test=-3405.246)
total time= 12.2s
[CV 3/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2137.821, test=-2947.278)
total time= 0.5s
[CV 5/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2148.508, test=-2905.033)
total time= 0.5s
[CV 3/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1925.894, test=-2988.632)
total time= 1.0s
[CV 1/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1436.196, test=-3105.706)
total time= 2.4s
[CV 4/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1395.857, test=-2980.831)
total time= 2.5s
[CV 2/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-883.961, test=-3259.415)
total time= 4.9s
[CV 5/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-889.282, test=-3326.331)
total time= 4.9s
[CV 1/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.261, test=-3166.210)
total time= 21.3s
[CV 4/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.029, test=-3194.478)
total time= 26.8s

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[CV 5/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 5/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1414.655, test=-2986.727)
total time= 1.1s

[CV 2/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 2/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-759.750, test=-3044.686)
total time= 2.1s

[CV 5/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 5/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-779.996, test=-3225.367)
total time= 2.2s

[CV 3/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 3/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-150.938, test=-3258.165)
total time= 5.3s

[CV 5/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 5/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-162.204, test=-3291.714)
total time= 5.3s

[CV 3/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 3/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-17.748, test=-3268.828)
total time= 10.8s

[CV 1/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 1/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-0.261, test=-3170.209)
total time= 21.6s

[CV 4/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 4/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-0.029, test=-3194.489)
total time= 27.1s

[CV 2/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 2/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1862.901, test=-2958.893)
total time= 1.0s

[CV 4/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 4/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20;; score=(train=-1957.575, test=-2882.528)
total time= 1.0s
[CV 1/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1300.693, test=-3053.639)
total time= 2.5s
[CV 4/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1393.917, test=-3141.644)
total time= 2.5s
[CV 2/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-765.104, test=-3352.776)
total time= 4.9s
[CV 5/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-772.950, test=-3548.025)
total time= 4.9s
[CV 3/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-287.615, test=-3814.987)
total time= 9.9s
[CV 1/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-185.525, test=-3511.883)
total time= 12.3s
[CV 2/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-16.252, test=-3392.435)
total time= 24.6s
[CV 5/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-291.940, test=-3500.221)
total time= 9.9s
[CV 3/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-15.120, test=-3931.654)
total time= 24.7s
[CV 1/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250
[CV 1/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-219.934, test=-3450.326)
total time= 12.3s
[CV 4/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-23.334, test=-3500.556)
total time= 24.8s
[CV 2/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-254.436, test=-3691.190)
total time= 12.4s
[CV 5/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-34.947, test=-3556.229)
total time= 24.7s
[CV 3/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-255.711, test=-3556.885)
total time= 12.4s
[CV 1/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2189.915, test=-2544.076)
total time= 0.5s
[CV 2/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2173.414, test=-2698.280)
total time= 0.6s
[CV 3/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2159.564, test=-3111.782)
total time= 0.5s
[CV 4/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2177.063, test=-2783.525)
total time= 0.5s
[CV 5/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2121.654, test=-2945.117)

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total time= 0.5s
[CV 1/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1879.515, test=-2750.933)
total time= 1.0s
[CV 3/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1877.262, test=-3328.257)
total time= 1.0s
[CV 5/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1860.653, test=-3092.257)
total time= 1.0s
[CV 2/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1266.776, test=-3142.898)
total time= 2.5s
[CV 5/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1312.025, test=-3246.988)
total time= 2.5s
[CV 3/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-793.632, test=-3794.800)
total time= 4.9s
[CV 1/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-294.715, test=-3464.117)
total time= 9.8s
[CV 4/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-319.809, test=-3218.549)
total time= 9.8s
[CV 5/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-191.109, test=-3677.499)
total time= 12.2s
[CV 5/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

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[CV 5/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-17.065, test=-3622.179)
total time= 24.2s
[CV 4/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-187.853, test=-3301.308)
total time= 12.4s
[CV 3/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2142.724, test=-3029.739)
total time= 0.5s
[CV 5/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2083.353, test=-3027.063)
total time= 0.5s
[CV 2/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1935.444, test=-3022.733)
total time= 1.0s
[CV 5/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1839.929, test=-3158.613)
total time= 1.0s
[CV 3/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1363.899, test=-3418.806)
total time= 2.5s
[CV 1/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-858.177, test=-3261.488)
total time= 5.0s
[CV 4/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-862.427, test=-3390.677)
total time= 5.0s
[CV 3/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-342.101, test=-3730.339)
total time= 9.9s

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[CV 1/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-24.872, test=-3447.704)
total time= 24.7s
[CV 3/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-334.238, test=-3731.926)
total time= 9.9s
[CV 1/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-37.888, test=-3481.267)
total time= 24.7s
[CV 2/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-371.846, test=-3341.037)
total time= 9.8s
[CV 5/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-241.406, test=-3425.882)
total time= 12.4s
[CV 2/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1883.524, test=-2836.249)
total time= 1.0s
[CV 5/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1911.126, test=-2979.352)
total time= 1.0s
[CV 3/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.126, test=-3312.909)
total time= 21.3s
[CV 2/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3063.026)
total time= 53.9s
[CV 4/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250;; score=(train=-190.932, test=-3254.407)
total time= 12.3s
[CV 2/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2165.708, test=-2705.660)
total time= 0.5s
[CV 4/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2177.063, test=-2784.916)
total time= 0.5s
[CV 1/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1888.204, test=-2753.082)
total time= 1.0s
[CV 3/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1898.475, test=-3239.494)
total time= 1.0s
[CV 1/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1405.265, test=-2980.818)
total time= 2.5s
[CV 4/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1380.486, test=-3089.255)
total time= 2.5s
[CV 2/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-758.553, test=-3216.293)
total time= 4.8s
[CV 5/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-813.158, test=-3417.819)
total time= 4.8s
[CV 4/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-306.969, test=-3264.801)
total time= 9.9s
[CV 2/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500
[CV 2/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-15.923, test=-3457.758)
total time= 24.5s
[CV 4/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-330.065, test=-3478.689)
total time= 9.8s
[CV 2/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-22.615, test=-3439.425)
total time= 24.5s
[CV 2/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-386.941, test=-3650.749)
total time= 9.9s
[CV 5/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-233.424, test=-3537.982)
total time= 12.3s
[CV 1/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1943.388, test=-2735.526)
total time= 1.0s
[CV 4/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1881.525, test=-2848.796)
total time= 1.0s
[CV 2/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1372.084, test=-3046.493)
total time= 2.5s
[CV 5/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1387.276, test=-3243.077)
total time= 2.5s
[CV 3/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-891.378, test=-3411.024)

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total time= 4.9s
[CV 1/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-389.376, test=-3403.848)
total time= 9.8s
[CV 4/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-243.744, test=-3308.591)
total time= 12.4s
[CV 5/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2148.508, test=-2905.033)
total time= 0.5s
[CV 3/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1925.894, test=-2984.213)
total time= 1.0s
[CV 1/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1436.196, test=-3107.441)
total time= 2.5s
[CV 4/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1395.857, test=-2983.620)
total time= 2.5s
[CV 2/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-883.961, test=-3248.260)
total time= 4.9s
[CV 5/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.250, test=-3192.160)
total time= 21.5s
[CV 2/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3073.576)
total time= 53.8s

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[CV 2/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200

[CV 2/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-0.252, test=-3064.742) total time= 21.6s

[CV 1/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500

[CV 1/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3166.155) total time= 53.8s

[CV 2/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200

[CV 2/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-0.252, test=-3064.619) total time= 21.7s

[CV 5/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250

[CV 5/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-0.011, test=-3298.154) total time= 26.7s

[CV 3/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50

[CV 3/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-1353.633, test=-3640.479) total time= 2.5s

[CV 1/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100

[CV 1/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-803.009, test=-3353.583) total time= 5.0s

[CV 4/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100

[CV 4/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-803.204, test=-3166.291) total time= 4.9s

[CV 2/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200

[CV 2/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-263.982, test=-3412.130) total time= 9.8s

[CV 5/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200

[CV 5/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-312.745, test=-3608.454) total time= 9.9s

[CV 1/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500

[CV 1/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500;; score=(train=-16.713, test=-3517.790)
total time= 24.5s
[CV 2/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-290.589, test=-3362.722)
total time= 9.9s
[CV 5/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-181.551, test=-3509.344)
total time= 12.3s
[CV 3/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1913.455, test=-3133.584)
total time= 1.0s
[CV 1/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1352.084, test=-3033.119)
total time= 2.5s
[CV 4/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1365.311, test=-3231.224)
total time= 2.5s
[CV 2/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-900.856, test=-3319.992)
total time= 5.0s
[CV 5/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-883.580, test=-3441.589)
total time= 5.0s
[CV 5/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-363.441, test=-3473.985)
total time= 9.9s
[CV 3/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-22.809, test=-3700.243)
total time= 24.6s
[CV 5/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 5/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-352.228, test=-3496.387)
total time= 9.9s
[CV 3/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-27.506, test=-3801.879)
total time= 24.6s
[CV 4/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-368.497, test=-3325.085)
total time= 9.9s
[CV 2/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-34.739, test=-3412.058)
total time= 24.6s
[CV 2/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-371.846, test=-3355.722)
total time= 9.8s
[CV 5/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-241.406, test=-3406.902)
total time= 12.0s
[CV 5/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1911.126, test=-2965.331)
total time= 1.0s
[CV 3/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1398.073, test=-3215.364)
total time= 2.5s
[CV 2/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-348.652, test=-3398.882)
total time= 9.9s
[CV 5/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-236.646, test=-3507.598)
total time= 12.4s
[CV 1/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=20
[CV 1/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1927.333, test=-2714.684)
total time= 1.0s
[CV 4/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1925.330, test=-2907.886)
total time= 1.0s
[CV 2/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1448.301, test=-3189.599)
total time= 2.5s
[CV 5/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1380.228, test=-3266.296)
total time= 2.5s
[CV 3/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-826.346, test=-3638.846)
total time= 5.0s
[CV 1/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-401.981, test=-3477.321)
total time= 9.9s
[CV 3/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-217.892, test=-3778.496)
total time= 12.3s
[CV 1/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2189.915, test=-2539.225)
total time= 0.5s
[CV 2/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2173.414, test=-2711.645)
total time= 0.5s
[CV 4/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2175.300, test=-2686.869)

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total time= 0.5s
[CV 2/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1883.524, test=-2824.855)
total time= 1.0s
[CV 5/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1911.126, test=-2968.664)
total time= 1.0s
[CV 3/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1398.073, test=-3201.915)
total time= 2.5s
[CV 1/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-928.881, test=-3271.070)
total time= 5.0s
[CV 4/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-872.241, test=-3216.581)
total time= 4.9s
[CV 5/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-367.124, test=-3396.387)
total time= 9.9s
[CV 3/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-36.879, test=-3588.762)
total time= 24.4s
[CV 4/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-368.497, test=-3308.772)
total time= 9.7s
[CV 2/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-34.739, test=-3406.840)
total time= 24.1s
[CV 2/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

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[CV 2/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-371.846, test=-3347.881)
total time= 9.7s

[CV 5/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 5/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-241.406, test=-3417.043)
total time= 12.2s

[CV 3/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 3/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1932.609, test=-3071.809)
total time= 1.0s

[CV 1/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 1/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1466.464, test=-2922.551)
total time= 2.4s

[CV 4/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 4/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1419.292, test=-3154.372)
total time= 2.5s

[CV 2/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 2/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1045.503, test=-3236.779)
total time= 4.9s

[CV 5/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 5/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-885.837, test=-3392.943)
total time= 4.9s

[CV 1/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 1/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-293.468, test=-3305.635)
total time= 12.2s

[CV 3/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2137.821, test=-2951.115)
total time= 0.5s

[CV 4/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 4/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2175.300, test=-2668.740)
total time= 0.5s

[CV 1/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

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[CV 1/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1943.388, test=-2729.366)
total time= 1.0s
[CV 4/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1881.525, test=-2855.970)
total time= 1.0s
[CV 2/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1372.084, test=-3046.493)
total time= 2.5s
[CV 5/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1387.276, test=-3234.785)
total time= 2.5s
[CV 3/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-891.378, test=-3381.279)
total time= 4.9s
[CV 1/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-389.376, test=-3394.565)
total time= 9.8s
[CV 4/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-243.744, test=-3322.382)
total time= 12.3s
[CV 5/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2148.508, test=-2905.033)
total time= 0.5s
[CV 2/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1883.524, test=-2815.162)
total time= 1.0s
[CV 4/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1881.525, test=-2844.129)
total time= 1.0s

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[CV 2/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1372.084, test=-3068.055)
total time= 2.4s
[CV 5/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1387.276, test=-3243.670)
total time= 2.5s
[CV 3/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-891.378, test=-3388.586)
total time= 4.9s
[CV 1/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-389.376, test=-3388.787)
total time= 9.8s
[CV 4/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-243.744, test=-3327.791)
total time= 12.1s
[CV 2/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2217.947, test=-2600.962)
total time= 0.5s
[CV 4/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2212.171, test=-2682.193)
total time= 0.5s
[CV 1/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1949.603, test=-2673.971)
total time= 1.0s
[CV 4/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1980.263, test=-2800.922)
total time= 1.0s
[CV 2/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=50;; score=(train=-1506.242, test=-3049.646)
total time= 2.4s
[CV 5/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1387.101, test=-3241.615)
total time= 2.4s
[CV 3/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-914.284, test=-3513.528)
total time= 4.8s
[CV 1/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-419.946, test=-3254.275)
total time= 9.8s
[CV 4/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-289.986, test=-3447.024)
total time= 12.2s
[CV 4/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2175.023, test=-2782.771)
total time= 0.5s
[CV 1/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1913.311, test=-2718.735)
total time= 1.0s
[CV 4/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1926.081, test=-2907.607)
total time= 1.0s[CV 2/5; 2041/2352] END learning_rate=1, max_depth=3,
min_samples_leaf=2, min_samples_split=15, n_estimators=100;;
score=(train=-966.929, test=-3539.909) total time= 5.0s
[CV 5/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-815.242, test=-3376.444)
total time= 4.9s
[CV 1/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-264.031, test=-3504.331)

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total time= 12.4s
[CV 4/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-33.121, test=-3459.065)
total time= 24.7s
[CV 2/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-253.142, test=-3393.596)
total time= 12.4s
[CV 5/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-40.082, test=-3418.426)
total time= 24.5s
[CV 3/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-255.711, test=-3538.407)
total time= 12.1s
[CV 1/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2189.915, test=-2539.225)
total time= 0.5s
[CV 2/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2173.414, test=-2687.340)
total time= 0.5s
[CV 3/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2137.821, test=-2951.115)
total time= 0.5s
[CV 4/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2175.300, test=-2686.869)
total time= 0.5s
[CV 1/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1943.388, test=-2731.571)
total time= 1.0s
[CV 3/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

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[CV 3/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1925.894, test=-2991.681)
total time= 1.0s
[CV 1/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1436.196, test=-3133.844)
total time= 2.5s
[CV 4/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1395.857, test=-2984.456)
total time= 2.5s
[CV 2/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-883.961, test=-3280.522)
total time= 4.9s
[CV 5/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-889.282, test=-3331.122)
total time= 4.9s
[CV 1/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-254.630, test=-3371.049)
total time= 12.2s
[CV 4/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-38.244, test=-3333.649)
total time= 24.2s
[CV 2/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-278.599, test=-3513.229)
total time= 12.0s
[CV 5/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-46.514, test=-3492.274)
total time= 24.3s
[CV 3/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-272.411, test=-3566.605)
total time= 12.1s

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[CV 1/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2214.497, test=-2561.161)
total time= 0.5s
[CV 2/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2270.393, test=-2694.336)
total time= 0.5s
[CV 3/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2161.003, test=-2937.804)
total time= 0.5s
[CV 5/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2117.801, test=-2997.246)
total time= 0.5s
[CV 2/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1984.559, test=-2844.277)
total time= 1.0s
[CV 4/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1926.081, test=-2899.974)
total time= 1.0s
[CV 2/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1431.441, test=-2985.557)
total time= 2.5s
[CV 3/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1366.837, test=-3445.043)
total time= 2.5s
[CV 1/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-885.008, test=-3384.478)
total time= 5.0s
[CV 4/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-924.332, test=-3210.951)
total time= 5.0s

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[CV 4/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-384.697, test=-3379.933)
total time= 9.9s
[CV 2/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-34.994, test=-3755.299)
total time= 24.7s
[CV 3/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-380.144, test=-3530.922)
total time= 9.9s
[CV 1/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-35.647, test=-3384.320)
total time= 24.7s
[CV 3/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-380.144, test=-3521.706)
total time= 9.9s
[CV 1/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-35.647, test=-3401.168)
total time= 24.3s
[CV 3/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-380.144, test=-3502.141)
total time= 9.9s
[CV 1/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-35.647, test=-3423.740)
total time= 24.4s
[CV 2/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-436.668, test=-3449.374)
total time= 9.8s
[CV 5/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250;; score=(train=-275.812, test=-3467.875)
total time= 12.1s
[CV 3/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1939.688, test=-3068.259)
total time= 1.0s
[CV 1/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1395.824, test=-2938.088)
total time= 2.4s
[CV 4/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1429.104, test=-3194.874)
total time= 2.4s
[CV 2/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-937.297, test=-3136.455)
total time= 4.8s
[CV 5/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-895.851, test=-3329.112)
total time= 4.9s
[CV 1/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-274.932, test=-3313.606)
total time= 12.1s
[CV 4/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-56.541, test=-3395.624)
total time= 24.2s
[CV 2/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-308.728, test=-3286.004)
total time= 12.2s
[CV 5/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-53.917, test=-3445.718)
total time= 24.7s
[CV 3/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250
[CV 3/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-272.411, test=-3598.438)
total time= 12.3s
[CV 1/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2214.497, test=-2561.161)
total time= 0.5s
[CV 2/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2270.393, test=-2694.336)
total time= 0.5s
[CV 3/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2161.003, test=-2937.804)
total time= 0.5s
[CV 4/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2175.023, test=-2782.771)
total time= 0.5s
[CV 5/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2117.801, test=-2997.246)
total time= 0.5s
[CV 2/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1984.559, test=-2849.949)
total time= 1.0s
[CV 3/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1398.073, test=-3212.856)
total time= 2.5s
[CV 1/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-928.881, test=-3327.001)
total time= 5.0s
[CV 4/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-872.241, test=-3222.339)
total time= 4.9s
[CV 5/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200
[CV 5/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-367.124, test=-3396.641)
total time= 9.6s
[CV 3/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-36.879, test=-3581.189)
total time= 24.5s
[CV 4/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-368.497, test=-3293.989)
total time= 9.9s
[CV 2/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-34.739, test=-3412.999)
total time= 24.6s
[CV 4/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-416.130, test=-3438.211)
total time= 9.9s
[CV 2/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-46.156, test=-3474.473)
total time= 24.2s
[CV 3/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-382.153, test=-3590.205)
total time= 9.7s
[CV 5/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-290.707, test=-3389.324)
total time= 12.1s
[CV 5/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1882.097, test=-3014.573)
total time= 1.0s
[CV 3/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1423.016, test=-3305.328)

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total time= 2.5s
[CV 1/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-900.244, test=-3212.959)
total time= 4.8s
[CV 4/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-941.945, test=-3350.003)
total time= 4.8s
[CV 3/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-382.153, test=-3598.517)
total time= 9.8s
[CV 1/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-46.482, test=-3347.155)
total time= 24.3s
[CV 2/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-438.904, test=-3268.753)
total time= 9.8s
[CV 5/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-290.707, test=-3403.610)
total time= 12.3s
[CV 4/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1926.081, test=-2905.824)
total time= 1.0s
[CV 1/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1395.824, test=-2921.056)
total time= 2.4s
[CV 4/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1429.104, test=-3176.481)
total time= 2.5s
[CV 3/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

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[CV 3/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-904.535, test=-3459.203)
total time= 5.0s

[CV 1/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 1/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-411.967, test=-3290.125)
total time= 9.8s

[CV 4/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 4/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-310.570, test=-3351.442)
total time= 12.4s

[CV 4/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 4/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2190.241, test=-2706.363)
total time= 0.5s

[CV 1/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 1/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1961.529, test=-2796.861)
total time= 1.0s

[CV 3/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 3/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1908.266, test=-3063.543)
total time= 1.0s

[CV 1/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 1/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1464.007, test=-3014.495)
total time= 2.5s

[CV 1/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 1/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-254.630, test=-3385.702)
total time= 12.2s

[CV 4/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 4/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-38.244, test=-3330.284)
total time= 24.7s

[CV 2/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 2/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-253.142, test=-3364.319)
total time= 12.3s


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[CV 5/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-40.082, test=-3426.785)
total time= 24.7s
[CV 3/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-255.711, test=-3541.767)
total time= 12.3s
[CV 1/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2197.667, test=-2554.758)
total time= 0.5s
[CV 3/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2155.479, test=-2943.150)
total time= 0.5s
[CV 5/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2096.773, test=-2836.769)
total time= 0.5s
[CV 2/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2000.037, test=-2769.211)
total time= 1.0s
[CV 5/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1857.339, test=-3007.429)
total time= 1.0s
[CV 3/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1398.248, test=-3276.911)
total time= 2.5s
[CV 1/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-948.315, test=-3116.202)
total time= 5.0s
[CV 4/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100;; score=(train=-895.629, test=-3303.392)
total time= 5.0s
[CV 5/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-402.368, test=-3463.864)
total time= 10.2s
[CV 3/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-36.624, test=-3732.803)
total time= 24.7s
[CV 5/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-417.423, test=-3371.610)
total time= 9.7s
[CV 3/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-44.024, test=-3575.177)
total time= 24.2s
[CV 4/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-435.235, test=-3351.914)
total time= 9.5s
[CV 2/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-55.681, test=-3298.306)
total time= 25.1s
[CV 4/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-435.235, test=-3330.088)
total time= 9.8s
[CV 2/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-55.681, test=-3288.060)
total time= 24.6s
[CV 3/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-382.153, test=-3602.969)
total time= 9.8s
[CV 1/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=500
[CV 1/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-46.482, test=-3352.907)
total time= 24.4s
[CV 2/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-483.759, test=-3327.645)
total time= 9.7s
[CV 5/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-328.645, test=-3320.062)
total time= 12.1s
[CV 4/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1942.410, test=-2865.455)
total time= 1.0s
[CV 2/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1510.100, test=-3092.745)
total time= 2.5s
[CV 5/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1425.535, test=-3104.368)
total time= 2.4s
[CV 3/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-937.924, test=-3410.981)
total time= 4.8s
[CV 1/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-928.881, test=-3281.121)
total time= 4.9s
[CV 4/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-872.241, test=-3221.378)
total time= 4.9s
[CV 5/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-367.124, test=-3393.052)

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total time= 9.8s
[CV 3/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-36.879, test=-3611.234)
total time= 24.4s
[CV 3/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-394.837, test=-3619.168)
total time= 9.9s
[CV 1/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-45.956, test=-3321.265)
total time= 24.1s
[CV 2/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-438.904, test=-3273.671)
total time= 9.8s
[CV 1/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-46.482, test=-3341.900)
total time= 24.4s
[CV 2/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-438.904, test=-3272.777)
total time= 9.9s
[CV 5/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-290.707, test=-3378.540)
total time= 12.1s
[CV 3/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1939.688, test=-3066.845)
total time= 1.0s
[CV 1/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1395.824, test=-2929.623)
total time= 2.5s
[CV 4/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

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[CV 4/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1429.104, test=-3190.352)
total time= 2.8s

[CV 2/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 2/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-937.297, test=-3132.125)
total time= 4.9s

[CV 5/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 5/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-895.851, test=-3342.645)
total time= 4.9s

[CV 1/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 1/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-274.932, test=-3324.802)
total time= 12.1s

[CV 4/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 4/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-56.541, test=-3413.011)
total time= 24.4s

[CV 2/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 2/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-308.728, test=-3257.635)
total time= 12.3s

[CV 5/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 5/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-53.917, test=-3470.434)
total time= 24.5s

[CV 3/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 3/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-306.296, test=-3583.993)
total time= 12.2s

[CV 1/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 1/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2227.025, test=-2627.913)
total time= 0.5s

[CV 2/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 2/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2261.229, test=-2685.517)
total time= 0.5s

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[CV 3/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2159.141, test=-2938.636)
total time= 0.5s
[CV 5/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2151.233, test=-2859.093)
total time= 0.5s
[CV 2/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2015.742, test=-2873.738)
total time= 1.0s
[CV 5/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1922.136, test=-2957.080)
total time= 0.9s
[CV 3/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1363.139, test=-3229.985)
total time= 2.4s
[CV 1/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-962.043, test=-3262.564)
total time= 4.8s
[CV 4/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1007.342, test=-3111.312)
total time= 4.9s
[CV 4/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-49.514, test=-3463.478)
total time= 24.4s
[CV 2/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-308.728, test=-3272.994)
total time= 12.2s
[CV 5/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500;; score=(train=-53.917, test=-3452.830)
total time= 24.4s
[CV 3/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-272.411, test=-3575.204)
total time= 12.5s
[CV 1/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2214.497, test=-2561.161)
total time= 0.5s
[CV 3/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2161.003, test=-2936.489)
total time= 0.5s
[CV 5/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2117.801, test=-2997.246)
total time= 0.5s
[CV 2/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1984.559, test=-2838.347)
total time= 1.0s
[CV 5/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1882.097, test=-3014.573)
total time= 1.0s
[CV 3/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1423.016, test=-3305.165)
total time= 2.6s
[CV 1/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-900.244, test=-3203.484)
total time= 4.2s
[CV 4/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-941.945, test=-3328.335)
total time= 4.9s
[CV 3/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200
[CV 3/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-382.153, test=-3571.402)
total time= 9.8s
[CV 1/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-46.482, test=-3335.010)
total time= 24.5s
[CV 2/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-438.904, test=-3250.025)
total time= 9.8s
[CV 5/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-290.707, test=-3381.604)
total time= 12.3s
[CV 4/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1942.410, test=-2865.455)
total time= 1.0s
[CV 2/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1510.100, test=-3076.629)
total time= 2.5s
[CV 5/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1425.535, test=-3091.960)
total time= 2.4s
[CV 3/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-937.924, test=-3419.274)
total time= 4.9s
[CV 1/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-471.770, test=-3418.425)
total time= 9.8s
[CV 4/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-354.142, test=-3288.676)

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total time= 12.2s
[CV 4/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2190.241, test=-2702.094)
total time= 0.5s
[CV 1/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1961.529, test=-2800.115)
total time= 1.0s
[CV 3/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1908.266, test=-3061.094)
total time= 1.0s
[CV 1/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1464.007, test=-3022.418)
total time= 2.4s
[CV 4/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1469.228, test=-2996.551)
total time= 2.5s
[CV 2/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1009.529, test=-3225.410)
total time= 4.9s
[CV 1/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-471.770, test=-3413.473)
total time= 9.5s
[CV 2/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1431.441, test=-2990.134)
total time= 2.4s
[CV 5/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1407.461, test=-3204.062)
total time= 2.4s
[CV 3/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

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[CV 3/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-904.535, test=-3467.005)
total time= 4.9s

[CV 1/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 1/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-411.967, test=-3288.874)
total time= 9.7s

[CV 4/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 4/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-310.570, test=-3360.969)
total time= 12.1s

[CV 4/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 4/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2175.023, test=-2797.497)
total time= 0.5s

[CV 1/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 1/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1913.311, test=-2718.872)
total time= 1.0s

[CV 3/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 3/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1939.688, test=-3073.548)
total time= 1.0s

[CV 1/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 1/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1395.824, test=-2966.670)
total time= 2.5s

[CV 4/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 4/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1429.104, test=-3194.939)
total time= 2.4s

[CV 2/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 2/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-937.297, test=-3128.336)
total time= 4.8s

[CV 5/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 5/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-895.851, test=-3325.751)
total time= 4.9s

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[CV 1/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-274.932, test=-3312.847)
total time= 12.2s
[CV 4/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-56.541, test=-3407.067)
total time= 24.7s
[CV 2/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-308.728, test=-3272.527)
total time= 12.3s
[CV 5/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-53.917, test=-3457.308)
total time= 24.5s
[CV 3/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-272.411, test=-3581.282)
total time= 12.2s
[CV 1/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2227.025, test=-2627.913)
total time= 0.5s
[CV 2/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2261.229, test=-2684.255)
total time= 0.5s
[CV 3/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2159.141, test=-2938.439)
total time= 0.5s
[CV 5/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2151.233, test=-2859.093)
total time= 0.5s
[CV 2/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-2015.742, test=-2881.267)
total time= 1.0s
[CV 5/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1922.136, test=-2959.884)
total time= 1.0s
[CV 3/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1363.139, test=-3240.089)
total time= 2.5s
[CV 1/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-962.043, test=-3248.682)
total time= 4.9s
[CV 4/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1007.342, test=-3093.016)
total time= 4.9s
[CV 4/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-492.592, test=-3276.848)
total time= 9.8s
[CV 2/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-66.042, test=-3375.311)
total time= 24.1s
[CV 3/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-443.736, test=-3576.518)
total time= 9.8s
[CV 5/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1407.461, test=-3189.509)
total time= 2.5s
[CV 3/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-904.535, test=-3479.661)
total time= 4.9s
[CV 1/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 1/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-411.967, test=-3299.722)
total time= 9.7s
[CV 4/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-310.570, test=-3367.044)
total time= 12.3s
[CV 2/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2270.393, test=-2683.707)
total time= 0.5s
[CV 4/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2175.023, test=-2797.497)
total time= 0.5s
[CV 1/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1913.311, test=-2718.872)
total time= 1.0s
[CV 4/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1926.081, test=-2905.824)
total time= 1.0s
[CV 2/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1431.441, test=-2982.426)
total time= 2.6s
[CV 5/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1407.461, test=-3186.833)
total time= 2.8s
[CV 3/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-904.535, test=-3478.784)
total time= 4.9s
[CV 1/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-411.967, test=-3288.651)

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total time= 9.8s
[CV 4/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-310.570, test=-3362.592)
total time= 12.3s
[CV 1/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1913.311, test=-2718.872)
total time= 1.0s
[CV 3/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1939.688, test=-3075.181)
total time= 1.0s
[CV 2/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1431.441, test=-2985.335)
total time= 2.5s
[CV 5/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1407.461, test=-3193.930)
total time= 2.5s
[CV 2/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-937.297, test=-3131.601)
total time= 4.9s
[CV 5/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-895.851, test=-3325.979)
total time= 4.9s
[CV 1/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-274.932, test=-3298.199)
total time= 12.3s
[CV 4/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-56.541, test=-3419.695)
total time= 24.5s
[CV 2/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

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[CV 2/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-335.296, test=-3339.409)
total time= 12.1s
[CV 5/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-66.882, test=-3325.771)
total time= 24.3s
[CV 3/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-306.296, test=-3603.434)
total time= 12.1s
[CV 1/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2227.025, test=-2641.361)
total time= 0.5s
[CV 3/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2159.141, test=-2929.365)
total time= 0.5s
[CV 5/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2151.233, test=-2859.093)
total time= 0.5s
[CV 2/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2015.742, test=-2885.136)
total time= 1.0s
[CV 4/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1942.410, test=-2858.897)
total time= 1.0s
[CV 5/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-889.282, test=-3342.162)
total time= 5.0s
[CV 1/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-254.630, test=-3385.121)
total time= 12.2s
[CV 4/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

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[CV 4/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-38.244, test=-3342.405)
total time= 24.2s
[CV 2/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-253.142, test=-3394.953)
total time= 12.1s
[CV 5/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-40.082, test=-3422.381)
total time= 24.4s
[CV 3/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-267.043, test=-3675.121)
total time= 12.5s
[CV 1/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2214.497, test=-2561.161)
total time= 0.5s
[CV 2/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2270.393, test=-2683.707)
total time= 0.5s
[CV 3/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2161.003, test=-2938.804)
total time= 0.5s
[CV 5/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2117.801, test=-2997.246)
total time= 0.5s
[CV 2/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1984.559, test=-2853.069)
total time= 1.0s
[CV 5/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1882.097, test=-3022.740)
total time= 1.0s

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[CV 3/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1423.016, test=-3293.293)
total time= 2.5s
[CV 1/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-900.244, test=-3190.869)
total time= 4.9s
[CV 4/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-941.945, test=-3329.823)
total time= 5.0s
[CV 4/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-435.235, test=-3348.295)
total time= 9.9s
[CV 2/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-55.681, test=-3310.877)
total time= 24.8s
[CV 5/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-417.423, test=-3398.128)
total time= 10.0s
[CV 3/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-44.024, test=-3603.088)
total time= 25.0s
[CV 5/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-417.423, test=-3391.462)
total time= 9.9s
[CV 3/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-44.024, test=-3596.101)
total time= 24.7s
[CV 5/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200;; score=(train=-417.423, test=-3404.207)
total time= 9.9s
[CV 3/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-44.024, test=-3595.488)
total time= 24.8s
[CV 5/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-458.067, test=-3256.815)
total time= 9.9s
[CV 3/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-64.318, test=-3653.422)
total time= 24.5s
[CV 5/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-458.067, test=-3268.119)
total time= 9.8s
[CV 3/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-64.318, test=-3627.032)
total time= 24.5s
[CV 4/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-492.592, test=-3290.857)
total time= 9.8s
[CV 2/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-66.042, test=-3382.053)
total time= 24.5s
[CV 5/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1882.097, test=-3017.514)
total time= 1.0s
[CV 3/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1423.016, test=-3307.841)
total time= 2.5s
[CV 1/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100
[CV 1/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-900.244, test=-3205.539)
total time= 4.9s
[CV 4/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-941.945, test=-3332.170)
total time= 4.9s
[CV 4/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-435.235, test=-3345.685)
total time= 9.8s
[CV 2/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-55.681, test=-3300.577)
total time= 24.6s
[CV 3/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-443.736, test=-3570.136)
total time= 9.8s
[CV 1/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-63.309, test=-3497.142)
total time= 24.2s
[CV 2/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-483.759, test=-3344.243)
total time= 9.9s
[CV 5/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-328.645, test=-3305.325)
total time= 12.2s
[CV 5/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1922.136, test=-2957.080)
total time= 1.0s
[CV 3/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1363.139, test=-3235.315)

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total time= 2.5s
[CV 1/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-962.043, test=-3240.890)
total time= 4.9s
[CV 4/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1007.342, test=-3092.886)
total time= 5.0s
[CV 5/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-458.067, test=-3273.100)
total time= 9.8s
[CV 3/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-64.318, test=-3630.261)
total time= 24.6s
[CV 5/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-458.067, test=-3272.527)
total time= 9.7s
[CV 3/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-64.318, test=-3643.419)
total time= 24.3s
[CV 5/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-42.380, test=-3800.891)
total time= 7.6s
[CV 3/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.088, test=-3642.771)
total time= 19.1s
[CV 1/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1717.646, test=-3196.444)
total time= 0.8s
[CV 2/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

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[CV 2/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1606.083, test=-3122.305)
total time= 0.8s
[CV 3/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1577.459, test=-3181.263)
total time= 0.8s
[CV 4/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1596.964, test=-3062.553)
total time= 0.8s
[CV 5/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1546.705, test=-3625.401)
total time= 0.8s
[CV 1/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1036.222, test=-3480.698)
total time= 1.5s
[CV 2/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1068.381, test=-3361.712)
total time= 1.5s
[CV 3/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1057.578, test=-3300.695)
total time= 1.5s
[CV 1/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-336.024, test=-3574.568)
total time= 3.8s
[CV 5/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-984.632, test=-3200.165)
total time= 4.8s
[CV 1/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-339.280, test=-3430.219)
total time= 12.1s

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[CV 4/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-82.380, test=-3346.314)
total time= 24.1s
[CV 2/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-335.296, test=-3329.451)
total time= 12.0s
[CV 5/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-66.882, test=-3336.620)
total time= 24.1s
[CV 3/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-306.296, test=-3584.994)
total time= 12.1s
[CV 1/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1698.400, test=-3127.243)
total time= 0.8s
[CV 2/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1545.486, test=-3033.299)
total time= 0.8s
[CV 3/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1440.222, test=-3211.469)
total time= 0.8s
[CV 4/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1648.118, test=-2985.716)
total time= 0.8s
[CV 2/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1002.953, test=-3273.899)
total time= 1.5s
[CV 5/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20;; score=(train=-966.658, test=-3665.160)
total time= 1.6s
[CV 3/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-254.917, test=-3628.387)
total time= 3.8s
[CV 1/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-49.372, test=-3550.644)
total time= 7.6s
[CV 2/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.609, test=-3353.467)
total time= 15.2s
[CV 5/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.081, test=-3787.307)
total time= 19.0s
[CV 5/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1000.457, test=-3888.999)
total time= 1.5s
[CV 3/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-325.040, test=-3545.208)
total time= 3.8s
[CV 5/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-318.322, test=-3844.826)
total time= 3.8s
[CV 3/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-52.472, test=-3683.920)
total time= 7.6s
[CV 1/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.965, test=-3685.813)
total time= 15.0s
[CV 4/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250
[CV 4/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.124, test=-3258.863)
total time= 19.0s
[CV 5/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1647.382, test=-3335.043)
total time= 0.8s
[CV 2/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1241.129, test=-2944.080)
total time= 1.5s
[CV 4/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1157.474, test=-3331.141)
total time= 1.5s
[CV 1/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-436.044, test=-3614.864)
total time= 3.8s
[CV 4/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-470.902, test=-3378.086)
total time= 3.8s
[CV 2/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-78.566, test=-3170.525)
total time= 7.6s
[CV 5/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-79.874, test=-3565.353)
total time= 7.6s
[CV 1/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-63.309, test=-3501.108)
total time= 24.0s
[CV 2/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-483.759, test=-3322.349)

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total time= 9.6s
[CV 5/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-328.645, test=-3329.578)
total time= 12.0s
[CV 2/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2015.742, test=-2884.185)
total time= 1.0s
[CV 5/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1922.136, test=-2957.080)
total time= 1.0s
[CV 3/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1363.139, test=-3245.295)
total time= 2.4s
[CV 1/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-962.043, test=-3253.461)
total time= 4.8s
[CV 4/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1007.342, test=-3092.617)
total time= 4.9s
[CV 4/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-492.592, test=-3262.469)
total time= 9.7s
[CV 1/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-63.309, test=-3500.053)
total time= 24.1s
[CV 4/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-47.180, test=-3391.938)
total time= 7.6s
[CV 2/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

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[CV 2/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.093, test=-3313.845)
total time= 19.0s
[CV 5/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3797.990)
total time= 37.8s
[CV 3/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.136, test=-3617.082)
total time= 19.0s
[CV 1/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1657.698, test=-2896.999)
total time= 0.7s
[CV 2/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1706.678, test=-2828.951)
total time= 0.8s
[CV 3/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1684.196, test=-3282.118)
total time= 0.8s
[CV 4/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1717.357, test=-3158.848)
total time= 0.8s
[CV 1/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1140.988, test=-3353.167)
total time= 1.5s
[CV 3/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1169.154, test=-3574.528)
total time= 1.5s
[CV 5/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1042.339, test=-3497.055)
total time= 1.5s

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[CV 3/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-434.686, test=-3656.824)
total time= 3.8s
[CV 1/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-78.994, test=-3602.482)
total time= 7.6s
[CV 4/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-85.026, test=-3441.146)
total time= 7.6s
[CV 2/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2.899, test=-3156.924)
total time= 15.1s
[CV 5/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.517, test=-3557.158)
total time= 18.8s
[CV 3/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1241.392, test=-3543.542)
total time= 1.5s
[CV 1/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-484.006, test=-3421.712)
total time= 3.8s
[CV 4/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-575.111, test=-3373.931)
total time= 3.8s
[CV 4/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1469.228, test=-2983.215)
total time= 2.4s
[CV 2/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100;; score=(train=-1009.529, test=-3234.326)
total time= 4.9s
[CV 5/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-984.632, test=-3196.690)
total time= 4.9s
[CV 1/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-339.280, test=-3430.169)
total time= 12.2s
[CV 4/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-82.380, test=-3326.081)
total time= 24.2s
[CV 2/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-335.296, test=-3370.847)
total time= 12.3s
[CV 5/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-66.882, test=-3320.960)
total time= 24.5s
[CV 3/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-306.296, test=-3585.345)
total time= 12.2s
[CV 1/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2227.025, test=-2643.809)
total time= 0.5s
[CV 2/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2261.229, test=-2685.517)
total time= 0.5s
[CV 4/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2190.241, test=-2702.094)
total time= 0.5s
[CV 1/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 1/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1961.529, test=-2810.248)
total time= 1.0s
[CV 4/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1942.410, test=-2863.802)
total time= 1.0s
[CV 2/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1510.100, test=-3072.288)
total time= 2.5s
[CV 5/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1425.535, test=-3106.977)
total time= 2.5s
[CV 3/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-937.924, test=-3403.783)
total time= 5.0s
[CV 1/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-471.770, test=-3402.277)
total time= 9.9s
[CV 4/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-354.142, test=-3267.756)
total time= 12.4s
[CV 5/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1542.442, test=-3445.666)
total time= 0.8s
[CV 3/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-918.437, test=-3471.274)
total time= 1.6s
[CV 1/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-341.640, test=-3507.514)

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total time= 3.9s
[CV 4/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-349.639, test=-3336.461)
total time= 3.9s
[CV 2/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-38.425, test=-3351.523)
total time= 7.7s
[CV 3/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.648, test=-3589.388)
total time= 15.4s
[CV 1/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3500.381)
total time= 38.5s
[CV 4/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.848, test=-3253.030)
total time= 15.4s
[CV 2/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3453.469)
total time= 38.3s
[CV 5/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2.639, test=-3576.726)
total time= 15.3s
[CV 3/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3698.638)
total time= 38.4s
[CV 4/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-354.142, test=-3266.048)
total time= 12.1s
[CV 2/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

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[CV 2/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2261.229, test=-2685.517)
total time= 0.5s
[CV 4/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2190.241, test=-2696.838)
total time= 0.5s
[CV 1/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1961.529, test=-2800.729)
total time= 1.0s
[CV 3/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1908.266, test=-3058.118)
total time= 1.0s
[CV 1/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1464.007, test=-3029.220)
total time= 2.4s
[CV 4/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1469.228, test=-2996.551)
total time= 2.5s
[CV 3/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-937.924, test=-3396.497)
total time= 5.0s
[CV 1/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-471.770, test=-3405.375)
total time= 9.8s
[CV 4/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-354.142, test=-3289.273)
total time= 12.3s
[CV 3/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2159.141, test=-2938.636)
total time= 0.5s

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[CV 5/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2151.233, test=-2862.961)
total time= 0.5s
[CV 3/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1908.266, test=-3057.793)
total time= 1.0s
[CV 1/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1464.007, test=-3020.711)
total time= 2.5s
[CV 4/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1469.228, test=-2984.543)
total time= 2.5s
[CV 2/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1009.529, test=-3226.476)
total time= 5.0s
[CV 5/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-984.632, test=-3179.110)
total time= 5.0s
[CV 1/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-339.280, test=-3421.442)
total time= 12.4s
[CV 4/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-82.380, test=-3327.376)
total time= 24.6s
[CV 5/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.685, test=-3777.021)
total time= 15.4s
[CV 3/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3653.704)
total time= 38.5s
[CV 1/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.133, test=-3679.774)
total time= 19.2s
[CV 4/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3257.191)
total time= 38.6s
[CV 2/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.445, test=-3196.877)
total time= 19.1s
[CV 5/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3625.224)
total time= 38.4s
[CV 3/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.796, test=-3842.502)
total time= 19.2s
[CV 1/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1596.860, test=-3081.060)
total time= 0.8s
[CV 2/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1659.897, test=-2945.580)
total time= 0.8s
[CV 3/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1688.774, test=-3254.437)
total time= 0.8s
[CV 3/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-443.736, test=-3567.313)
total time= 9.9s
[CV 2/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500
[CV 2/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-66.042, test=-3367.045)
total time= 24.6s
[CV 1/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.635, test=-3474.783)
total time= 15.5s
[CV 4/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.118, test=-3375.066)
total time= 19.4s
[CV 4/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1086.569, test=-3186.265)
total time= 1.6s
[CV 2/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-287.771, test=-3417.904)
total time= 3.9s
[CV 1/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-44.724, test=-3682.292)
total time= 7.7s
[CV 4/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-38.041, test=-3246.460)
total time= 7.7s
[CV 2/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.721, test=-3431.166)
total time= 15.4s
[CV 5/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.159, test=-3835.194)
total time= 19.3s
[CV 2/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-440.671, test=-3170.503)

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total time= 3.9s
[CV 5/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-379.812, test=-3571.885)
total time= 3.9s
[CV 3/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-76.390, test=-3696.662)
total time= 7.8s
[CV 1/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-3.178, test=-3609.402)
total time= 15.4s
[CV 4/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.421, test=-3435.573)
total time= 19.2s
[CV 2/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1787.392, test=-2946.894)
total time= 0.8s
[CV 4/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1842.226, test=-2877.870)
total time= 0.8s
[CV 1/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1293.471, test=-3288.790)
total time= 1.5s
[CV 4/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1348.688, test=-3156.503)
total time= 1.6s
[CV 2/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-560.718, test=-3325.441)
total time= 3.9s
[CV 5/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 5/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-435.857, test=-3591.961)
total time= 3.8s
[CV 3/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-98.432, test=-3834.494)
total time= 7.7s
[CV 1/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-5.381, test=-3425.595)
total time= 15.4s
[CV 4/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.602, test=-3463.603)
total time= 19.3s
[CV 5/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1652.070, test=-3009.063)
total time= 0.8s
[CV 2/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1177.193, test=-3185.617)
total time= 1.6s
[CV 5/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1095.090, test=-3061.537)
total time= 1.6s
[CV 3/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-418.379, test=-3426.407)
total time= 3.8s
[CV 1/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-82.034, test=-3320.973)
total time= 7.6s
[CV 4/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-492.592, test=-3267.430)
total time= 9.8s

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[CV 2/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-66.042, test=-3389.391)
total time= 24.0s
[CV 3/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-443.736, test=-3582.858)
total time= 9.7s
[CV 1/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-63.309, test=-3501.555)
total time= 24.0s
[CV 2/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-483.759, test=-3333.018)
total time= 9.7s
[CV 5/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-328.645, test=-3328.212)
total time= 12.2s
[CV 1/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1116.271, test=-3310.667)
total time= 1.6s
[CV 4/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1097.181, test=-3309.572)
total time= 1.6s
[CV 2/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-309.508, test=-3351.446)
total time= 3.8s
[CV 5/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-317.203, test=-3786.382)
total time= 3.8s
[CV 3/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100;; score=(train=-34.822, test=-3604.147)
total time= 7.6s
[CV 4/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.911, test=-3396.751)
total time= 15.2s
[CV 2/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3350.822)
total time= 37.9s
[CV 3/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.931, test=-3659.632)
total time= 15.2s
[CV 1/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3685.456)
total time= 37.8s
[CV 3/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2.489, test=-3680.265)
total time= 15.2s
[CV 1/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3604.191)
total time= 37.7s
[CV 2/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-6.143, test=-3359.994)
total time= 15.4s
[CV 5/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.376, test=-3615.667)
total time= 18.9s
[CV 3/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1149.927, test=-3424.526)
total time= 1.5s
[CV 1/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=50
[CV 1/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-427.817, test=-3301.441)
total time= 3.8s
[CV 4/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-495.409, test=-3494.133)
total time= 3.8s
[CV 2/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-105.419, test=-3409.632)
total time= 7.5s
[CV 5/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-70.063, test=-3209.795)
total time= 7.5s
[CV 1/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.802, test=-3324.434)
total time= 18.8s
[CV 4/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3540.919)
total time= 37.7s
[CV 2/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.898, test=-3415.041)
total time= 19.1s
[CV 5/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3211.213)
total time= 37.8s
[CV 3/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.178, test=-3489.445)
total time= 19.0s
[CV 2/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1510.100, test=-3085.808)

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total time= 2.4s
[CV 5/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1425.535, test=-3111.391)
total time= 2.4s
[CV 2/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1009.529, test=-3235.556)
total time= 4.8s
[CV 5/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-984.632, test=-3217.619)
total time= 4.8s
[CV 1/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-339.280, test=-3424.565)
total time= 12.0s
[CV 4/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-82.380, test=-3313.043)
total time= 24.2s
[CV 2/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-335.296, test=-3332.918)
total time= 12.3s
[CV 5/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-66.882, test=-3328.780)
total time= 24.5s
[CV 1/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.075, test=-3549.540)
total time= 19.3s
[CV 4/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3385.366)
total time= 38.4s
[CV 2/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

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[CV 2/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.092, test=-3438.109)
total time= 19.2s
[CV 5/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3856.758)
total time= 38.4s
[CV 3/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.425, test=-3672.655)
total time= 19.2s
[CV 1/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1756.220, test=-2954.039)
total time= 0.8s
[CV 3/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1708.986, test=-3303.614)
total time= 0.8s
[CV 5/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1669.663, test=-3238.678)
total time= 0.8s
[CV 2/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1347.206, test=-3120.194)
total time= 1.6s
[CV 5/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1132.963, test=-3392.772)
total time= 1.5s
[CV 3/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-554.386, test=-3681.510)
total time= 3.9s
[CV 1/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-102.344, test=-3436.809)
total time= 7.6s

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[CV 4/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-126.070, test=-3431.134)
total time= 7.7s
[CV 5/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-5.500, test=-3634.960)
total time= 15.3s
[CV 3/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-3825.547)
total time= 38.4s
[CV 4/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-5.635, test=-3541.898)
total time= 15.3s
[CV 2/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3423.337)
total time= 37.9s
[CV 4/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-5.635, test=-3548.731)
total time= 15.3s
[CV 2/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3402.074)
total time= 37.8s
[CV 3/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-5.292, test=-3491.665)
total time= 15.1s
[CV 1/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3331.643)
total time= 37.8s
[CV 4/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50;; score=(train=-282.722, test=-3252.785)
total time= 3.8s
[CV 2/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-32.105, test=-3433.299)
total time= 7.5s
[CV 5/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-40.484, test=-3848.560)
total time= 7.6s
[CV 5/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1.078, test=-3822.202)
total time= 15.1s
[CV 3/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3630.849)
total time= 37.9s
[CV 4/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2.423, test=-3441.859)
total time= 15.1s
[CV 2/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3161.374)
total time= 37.7s
[CV 3/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-6.975, test=-3804.949)
total time= 15.3s
[CV 1/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3438.877)
total time= 37.7s
[CV 2/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-4.085, test=-3408.104)
total time= 15.0s
[CV 5/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 5/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.750, test=-3224.610)
total time= 18.7s
[CV 5/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1095.090, test=-3050.728)
total time= 1.5s
[CV 3/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-418.379, test=-3456.114)
total time= 3.7s
[CV 1/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-82.034, test=-3361.080)
total time= 7.6s
[CV 4/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-95.755, test=-3546.627)
total time= 7.6s
[CV 3/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-5.292, test=-3499.746)
total time= 15.1s
[CV 1/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3343.227)
total time= 37.8s
[CV 2/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-4.085, test=-3429.255)
total time= 15.1s
[CV 5/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.750, test=-3210.403)
total time= 18.9s
[CV 4/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1292.328, test=-2932.153)

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total time= 1.6s
[CV 2/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-544.192, test=-3354.870)
total time= 3.9s
[CV 5/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-490.682, test=-3455.652)
total time= 3.9s
[CV 3/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-114.850, test=-3924.385)
total time= 7.7s
[CV 1/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-8.903, test=-3557.457)
total time= 15.4s
[CV 4/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2.490, test=-3313.299)
total time= 19.2s
[CV 5/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1677.427, test=-3107.634)
total time= 0.8s
[CV 2/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1305.876, test=-3246.986)
total time= 1.5s
[CV 4/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1367.923, test=-3193.174)
total time= 1.6s
[CV 2/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-619.094, test=-3471.231)
total time= 3.8s
[CV 1/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

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[CV 1/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.637, test=-3610.907)
total time= 18.8s
[CV 4/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3413.192)
total time= 37.6s
[CV 2/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.640, test=-3344.447)
total time= 19.1s
[CV 5/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3605.798)
total time= 37.8s
[CV 3/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.178, test=-3517.458)
total time= 18.8s
[CV 1/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1680.932, test=-3047.731)
total time= 0.8s
[CV 2/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1659.897, test=-2926.330)
total time= 0.8s
[CV 3/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1688.774, test=-3255.581)
total time= 0.8s
[CV 4/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1668.090, test=-3059.770)
total time= 0.8s
[CV 5/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1652.070, test=-3034.226)
total time= 0.8s

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[CV 2/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1177.193, test=-3195.820)
total time= 1.5s
[CV 4/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1190.652, test=-3390.605)
total time= 1.5s
[CV 2/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-496.859, test=-3346.217)
total time= 3.8s
[CV 5/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-374.053, test=-3179.023)
total time= 3.7s
[CV 3/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-109.641, test=-3478.337)
total time= 7.7s
[CV 1/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-3.503, test=-3325.552)
total time= 15.1s
[CV 3/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.178, test=-3509.042)
total time= 19.2s
[CV 1/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1596.860, test=-3059.209)
total time= 0.8s
[CV 3/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1688.774, test=-3243.665)
total time= 0.8s
[CV 5/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10;; score=(train=-1652.070, test=-3023.378)
total time= 0.8s
[CV 2/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1177.193, test=-3142.824)
total time= 1.6s
[CV 5/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1095.090, test=-3043.775)
total time= 1.6s
[CV 3/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-418.379, test=-3443.596)
total time= 3.8s
[CV 1/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-82.034, test=-3356.921)
total time= 7.6s
[CV 4/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-95.755, test=-3560.043)
total time= 7.7s
[CV 5/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2.741, test=-3197.246)
total time= 15.2s
[CV 3/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3495.777)
total time= 38.2s
[CV 5/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-6.170, test=-3502.209)
total time= 15.3s
[CV 3/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-3932.711)
total time= 37.9s
[CV 4/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10
[CV 4/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1668.090, test=-3048.677)
total time= 0.8s
[CV 1/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1149.272, test=-3219.762)
total time= 1.5s
[CV 4/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1190.652, test=-3342.381)
total time= 1.6s
[CV 2/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-496.859, test=-3314.264)
total time= 3.9s
[CV 5/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-374.053, test=-3184.869)
total time= 3.8s
[CV 3/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-109.641, test=-3477.365)
total time= 7.6s
[CV 1/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-3.503, test=-3356.844)
total time= 15.1s
[CV 4/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.110, test=-3521.531)
total time= 19.0s
[CV 1/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1148.192, test=-3108.935)
total time= 1.5s
[CV 3/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1149.927, test=-3396.723)

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total time= 1.5s
[CV 1/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-427.817, test=-3301.141)
total time= 3.8s
[CV 4/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-495.409, test=-3504.389)
total time= 3.9s
[CV 2/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-105.419, test=-3367.192)
total time= 7.5s
[CV 5/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-70.063, test=-3192.594)
total time= 7.5s
[CV 1/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.802, test=-3334.402)
total time= 18.9s
[CV 4/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3533.248)
total time= 37.9s
[CV 2/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.898, test=-3426.547)
total time= 18.8s
[CV 5/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3202.534)
total time= 37.9s
[CV 3/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1.976, test=-3936.126)
total time= 18.9s
[CV 1/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

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[CV 1/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1802.625, test=-2777.877)
total time= 0.8s
[CV 2/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1784.450, test=-3038.282)
total time= 0.8s
[CV 3/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1718.474, test=-3062.826)
total time= 0.8s
[CV 4/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1817.396, test=-2935.286)
total time= 0.8s
[CV 1/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1297.990, test=-2996.727)
total time= 1.5s
[CV 3/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1232.847, test=-3190.978)
total time= 1.5s
[CV 1/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-522.033, test=-3260.523)
total time= 3.7s
[CV 4/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-547.802, test=-3402.876)
total time= 3.6s
[CV 2/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-158.910, test=-3550.681)
total time= 7.5s
[CV 5/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-151.077, test=-3423.840)
total time= 7.5s

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[CV 2/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-123.008, test=-3387.420)
total time= 7.6s
[CV 5/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-101.956, test=-3623.127)
total time= 7.6s
[CV 1/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.400, test=-3434.030)
total time= 19.1s
[CV 4/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3451.374)
total time= 38.2s
[CV 2/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.898, test=-3414.665)
total time= 18.9s
[CV 5/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3239.138)
total time= 38.1s
[CV 4/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.110, test=-3541.369)
total time= 19.1s
[CV 2/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1659.897, test=-2924.190)
total time= 0.8s
[CV 4/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1668.090, test=-3038.429)
total time= 0.8s
[CV 1/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=20;; score=(train=-1149.272, test=-3194.958)
total time= 1.5s
[CV 3/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1149.927, test=-3412.034)
total time= 1.5s
[CV 1/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-434.904, test=-3320.834)
total time= 3.8s
[CV 4/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-495.409, test=-3577.632)
total time= 3.8s
[CV 2/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-105.419, test=-3372.584)
total time= 7.6s
[CV 5/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-70.063, test=-3184.526)
total time= 7.5s
[CV 1/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.802, test=-3342.711)
total time= 18.8s
[CV 4/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3560.231)
total time= 37.8s
[CV 2/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-3.133, test=-3419.240)
total time= 18.9s
[CV 5/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-3499.239)
total time= 37.7s
[CV 3/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=250
[CV 3/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1.872, test=-3525.455)
total time= 18.7s
[CV 1/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1802.625, test=-2777.877)
total time= 0.8s
[CV 2/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1784.450, test=-3038.282)
total time= 0.8s
[CV 3/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1718.474, test=-3063.773)
total time= 0.8s
[CV 5/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1677.427, test=-3098.789)
total time= 0.8s
[CV 2/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1305.876, test=-3255.211)
total time= 1.5s
[CV 5/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1236.833, test=-3213.136)
total time= 1.5s
[CV 3/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-493.239, test=-3469.282)
total time= 3.8s
[CV 1/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-132.170, test=-3238.325)
total time= 7.5s
[CV 4/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-141.270, test=-3476.989)

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total time= 7.5s
[CV 4/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-6.608, test=-3477.063)
total time= 15.5s
[CV 2/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3387.509)
total time= 37.8s
[CV 3/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-5.292, test=-3522.972)
total time= 15.1s
[CV 1/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3347.057)
total time= 37.6s
[CV 2/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-4.085, test=-3400.615)
total time= 15.2s
[CV 5/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.750, test=-3220.166)
total time= 18.8s
[CV 4/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1190.652, test=-3342.375)
total time= 1.5s
[CV 2/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-496.859, test=-3333.947)
total time= 3.8s
[CV 5/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-374.053, test=-3197.360)
total time= 3.7s
[CV 3/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

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[CV 3/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-109.641, test=-3499.452)
total time= 7.5s
[CV 1/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-3.503, test=-3330.201)
total time= 14.9s
[CV 4/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.110, test=-3543.583)
total time= 18.8s
[CV 3/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1685.019, test=-3335.978)
total time= 0.8s
[CV 5/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1659.741, test=-3077.302)
total time= 0.8s
[CV 2/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1281.368, test=-3231.591)
total time= 1.5s
[CV 5/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1186.928, test=-3309.457)
total time= 1.5s
[CV 3/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-465.027, test=-3815.177)
total time= 3.7s
[CV 1/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-155.282, test=-3567.376)
total time= 7.6s
[CV 4/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-126.925, test=-3298.706)
total time= 7.5s

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[CV 4/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-9.786, test=-3294.750)
total time= 15.1s
[CV 1/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-3553.837)
total time= 37.5s
[CV 2/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-11.311, test=-3517.631)
total time= 15.0s
[CV 5/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-3.204, test=-3437.897)
total time= 18.7s
[CV 3/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1232.847, test=-3194.692)
total time= 1.5s
[CV 1/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-522.033, test=-3267.405)
total time= 3.7s
[CV 4/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-547.802, test=-3393.984)
total time= 3.8s
[CV 2/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-158.910, test=-3542.657)
total time= 7.4s
[CV 5/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-151.077, test=-3420.820)
total time= 7.5s
[CV 1/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250;; score=(train=-2.803, test=-3241.114)
total time= 18.6s
[CV 5/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-542.032, test=-3391.700)
total time= 3.9s
[CV 3/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-110.340, test=-3527.093)
total time= 7.5s
[CV 1/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-10.907, test=-3240.757)
total time= 15.2s
[CV 4/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2.252, test=-3473.927)
total time= 18.7s
[CV 4/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1817.396, test=-2941.806)
total time= 0.8s
[CV 1/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1297.990, test=-3003.918)
total time= 1.5s
[CV 4/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1367.923, test=-3179.426)
total time= 1.5s
[CV 2/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-619.094, test=-3477.031)
total time= 3.8s
[CV 5/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-542.032, test=-3412.290)
total time= 3.8s
[CV 3/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100
[CV 3/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-110.340, test=-3529.253)
total time= 7.5s
[CV 1/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-10.907, test=-3243.390)
total time= 15.0s
[CV 4/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2.252, test=-3467.101)
total time= 18.3s
[CV 2/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1784.450, test=-3038.282)
total time= 0.8s
[CV 4/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1817.396, test=-2931.977)
total time= 0.8s
[CV 1/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1297.990, test=-3011.311)
total time= 1.5s
[CV 4/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1367.923, test=-3187.178)
total time= 1.5s
[CV 2/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-619.094, test=-3477.285)
total time= 3.8s
[CV 5/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-542.032, test=-3408.839)
total time= 3.8s
[CV 3/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-110.340, test=-3520.833)

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total time= 7.5s
[CV 1/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-10.907, test=-3242.483)
total time= 15.1s
[CV 4/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2.252, test=-3477.277)
total time= 18.7s
[CV 3/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1718.474, test=-3065.807)
total time= 0.8s
[CV 5/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1677.427, test=-3092.267)
total time= 0.8s
[CV 2/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1305.876, test=-3241.124)
total time= 1.5s
[CV 5/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1236.833, test=-3213.534)
total time= 1.5s
[CV 3/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-493.239, test=-3467.440)
total time= 3.7s
[CV 1/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-132.170, test=-3233.581)
total time= 7.5s
[CV 4/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-141.270, test=-3473.253)
total time= 7.5s
[CV 5/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

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[CV 5/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-10.774, test=-3445.097)
total time= 15.0s
[CV 4/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-95.755, test=-3545.461)
total time= 7.7s
[CV 5/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2.741, test=-3209.271)
total time= 15.2s
[CV 3/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3490.697)
total time= 38.4s
[CV 5/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2.741, test=-3213.903)
total time= 15.2s
[CV 3/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3486.849)
total time= 38.0s
[CV 4/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-5.635, test=-3520.312)
total time= 15.2s
[CV 2/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3367.453)
total time= 37.7s
[CV 3/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-7.985, test=-3935.697)
total time= 15.2s
[CV 2/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.004, test=-3447.081)
total time= 37.7s

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[CV 3/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-6.881, test=-3527.260)
total time= 14.9s
[CV 1/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.005, test=-3239.923)
total time= 37.0s
[CV 2/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-11.311, test=-3536.132)
total time= 14.8s
[CV 5/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-3.204, test=-3431.844)
total time= 18.9s
[CV 3/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1232.847, test=-3195.613)
total time= 1.5s
[CV 1/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-522.033, test=-3257.353)
total time= 3.8s
[CV 4/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-547.802, test=-3412.803)
total time= 3.8s
[CV 2/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-158.910, test=-3526.788)
total time= 7.6s
[CV 5/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-151.077, test=-3431.101)
total time= 7.6s
[CV 1/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-2.803, test=-3245.633)
total time= 18.9s
[CV 4/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3479.959)
total time= 37.5s
[CV 2/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-3.273, test=-3510.821)
total time= 18.8s
[CV 5/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.005, test=-3436.266)
total time= 37.6s
[CV 3/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-6.023, test=-3606.022)
total time= 18.7s
[CV 1/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1779.908, test=-2919.438)
total time= 0.7s
[CV 3/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1756.927, test=-3095.620)
total time= 0.8s
[CV 5/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1718.199, test=-2857.302)
total time= 0.8s
[CV 2/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1360.822, test=-3213.240)
total time= 1.5s
[CV 5/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1222.515, test=-3131.310)
total time= 1.5s
[CV 3/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50
[CV 3/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-640.698, test=-3537.800)
total time= 3.8s
[CV 1/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1784.780, test=-2949.939)
total time= 0.8s
[CV 2/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1777.566, test=-3007.351)
total time= 0.8s
[CV 4/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1757.963, test=-2812.735)
total time= 0.8s
[CV 1/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1351.789, test=-3133.481)
total time= 1.5s
[CV 3/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1204.084, test=-3640.040)
total time= 1.5s
[CV 1/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-580.575, test=-3491.678)
total time= 3.8s
[CV 4/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-516.983, test=-3308.101)
total time= 3.8s
[CV 2/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-132.092, test=-3424.270)
total time= 7.7s
[CV 5/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-109.863, test=-3517.932)

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total time= 7.7s
[CV 1/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2.752, test=-3552.329)
total time= 19.1s
[CV 4/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-3317.154)
total time= 38.1s
[CV 2/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-3.273, test=-3507.039)
total time= 18.5s
[CV 5/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.005, test=-3419.864)
total time= 37.5s
[CV 3/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1.872, test=-3536.529)
total time= 18.8s
[CV 1/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1802.625, test=-2774.296)
total time= 0.8s
[CV 3/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1718.474, test=-3064.359)
total time= 0.8s
[CV 5/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1677.427, test=-3104.462)
total time= 0.8s
[CV 2/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1305.876, test=-3245.740)
total time= 1.5s
[CV 5/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

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[CV 5/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1236.833, test=-3209.059)
total time= 1.5s
[CV 3/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-493.239, test=-3473.365)
total time= 3.8s
[CV 1/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-132.170, test=-3246.708)
total time= 7.6s
[CV 4/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-141.270, test=-3477.989)
total time= 7.3s
[CV 5/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-10.774, test=-3424.168)
total time= 15.1s
[CV 3/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.003, test=-3538.806)
total time= 37.5s
[CV 4/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-9.351, test=-3492.355)
total time= 14.9s
[CV 2/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.008, test=-3536.072)
total time= 37.4s
[CV 3/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-19.572, test=-3608.604)
total time= 14.9s
[CV 1/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.024, test=-3545.006)
total time= 37.1s

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[CV 2/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-20.995, test=-3379.679)
total time= 14.9s
[CV 4/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.005, test=-3466.702)
total time= 37.4s
[CV 2/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-3.273, test=-3509.344)
total time= 18.6s
[CV 5/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3438.121)
total time= 37.3s
[CV 3/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1.872, test=-3533.653)
total time= 18.6s
[CV 1/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1779.908, test=-2922.432)
total time= 0.8s
[CV 2/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1887.316, test=-2963.389)
total time= 0.8s
[CV 4/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1762.052, test=-2949.249)
total time= 0.7s
[CV 1/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1351.225, test=-3204.146)
total time= 1.5s
[CV 4/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-1401.619, test=-3113.341)
total time= 1.5s
[CV 2/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-673.397, test=-3304.249)
total time= 3.8s
[CV 5/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-533.798, test=-3258.135)
total time= 3.7s
[CV 3/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-205.687, test=-3619.162)
total time= 7.5s
[CV 1/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-18.463, test=-3521.250)
total time= 14.9s
[CV 4/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-4.759, test=-3451.983)
total time= 18.5s
[CV 2/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1887.316, test=-2963.389)
total time= 0.7s
[CV 4/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1762.052, test=-2946.565)
total time= 0.7s
[CV 1/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1351.225, test=-3195.791)
total time= 1.5s
[CV 4/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1401.619, test=-3110.756)
total time= 1.5s
[CV 2/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50
[CV 2/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-673.397, test=-3291.899)
total time= 3.8s
[CV 5/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-533.798, test=-3265.688)
total time= 3.7s
[CV 3/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-205.687, test=-3621.181)
total time= 7.5s
[CV 1/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-18.463, test=-3508.347)
total time= 14.9s
[CV 4/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-4.759, test=-3442.608)
total time= 18.5s
[CV 3/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1756.927, test=-3092.941)
total time= 0.7s
[CV 5/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1718.199, test=-2856.649)
total time= 0.7s
[CV 2/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1360.822, test=-3214.037)
total time= 1.5s
[CV 5/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1222.515, test=-3111.401)
total time= 1.5s
[CV 3/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-640.698, test=-3530.547)

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total time= 3.7s
[CV 1/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-196.104, test=-3510.782)
total time= 7.5s
[CV 2/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-11.251, test=-3442.647)
total time= 15.2s
[CV 5/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1.455, test=-3487.697)
total time= 18.9s
[CV 5/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1236.833, test=-3216.593)
total time= 1.5s
[CV 3/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-493.239, test=-3471.607)
total time= 3.7s
[CV 1/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-132.170, test=-3244.898)
total time= 7.5s
[CV 4/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-141.270, test=-3475.780)
total time= 7.5s
[CV 5/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-10.774, test=-3427.410)
total time= 15.0s
[CV 3/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.003, test=-3537.440)
total time= 37.3s
[CV 4/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

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[CV 4/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-9.351, test=-3478.476)
total time= 14.9s
[CV 2/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.008, test=-3509.836)
total time= 37.6s
[CV 3/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-6.881, test=-3540.063)
total time= 14.9s
[CV 1/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3237.464)
total time= 37.2s
[CV 2/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-11.311, test=-3513.300)
total time= 14.9s
[CV 5/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-3.204, test=-3437.529)
total time= 18.6s
[CV 3/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1283.112, test=-3204.963)
total time= 1.5s
[CV 1/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-656.087, test=-3446.104)
total time= 3.7s
[CV 4/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-643.034, test=-3383.248)
total time= 3.7s
[CV 2/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-218.812, test=-3377.900)
total time= 7.4s

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[CV 5/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-139.018, test=-3303.784)
total time= 7.3s
[CV 1/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-6.931, test=-3505.357)
total time= 18.5s
[CV 4/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.020, test=-3437.761)
total time= 36.8s
[CV 2/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-6.906, test=-3400.988)
total time= 18.5s
[CV 5/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.015, test=-3329.866)
total time= 36.7s
[CV 3/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-6.023, test=-3617.355)
total time= 18.6s
[CV 1/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1779.908, test=-2938.151)
total time= 0.7s
[CV 2/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1887.316, test=-2972.816)
total time= 0.8s
[CV 3/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1756.927, test=-3081.163)
total time= 0.8s
[CV 4/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10;; score=(train=-1762.052, test=-2946.291)
total time= 0.8s
[CV 5/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1718.199, test=-2871.321)
total time= 0.8s
[CV 1/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2.803, test=-3242.746)
total time= 18.8s
[CV 4/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.005, test=-3472.993)
total time= 37.6s
[CV 2/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-3.273, test=-3510.107)
total time= 18.8s
[CV 5/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.005, test=-3422.621)
total time= 37.8s
[CV 3/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1.872, test=-3542.690)
total time= 18.7s
[CV 1/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1802.625, test=-2774.296)
total time= 0.8s
[CV 2/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1784.450, test=-3038.282)
total time= 0.8s
[CV 4/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1817.396, test=-2919.185)
total time= 0.8s
[CV 1/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20
[CV 1/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1297.990, test=-3004.638)
total time= 1.5s
[CV 4/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1367.923, test=-3195.151)
total time= 1.5s
[CV 2/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-619.094, test=-3510.499)
total time= 3.7s
[CV 5/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-542.032, test=-3399.044)
total time= 3.8s
[CV 3/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-110.340, test=-3523.722)
total time= 7.4s
[CV 1/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-10.907, test=-3253.600)
total time= 15.0s
[CV 4/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2.252, test=-3474.174)
total time= 18.6s
[CV 3/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1756.927, test=-3081.556)
total time= 0.8s
[CV 5/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1718.199, test=-2883.658)
total time= 0.8s
[CV 2/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1360.822, test=-3224.117)

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total time= 1.5s
[CV 5/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1222.515, test=-3134.632)
total time= 1.5s
[CV 3/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-640.698, test=-3554.939)
total time= 3.8s
[CV 1/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-196.104, test=-3538.740)
total time= 7.5s
[CV 4/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-157.055, test=-3429.711)
total time= 7.4s
[CV 4/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-12.750, test=-3447.245)
total time= 14.8s
[CV 2/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.028, test=-3406.754)
total time= 37.0s
[CV 3/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-19.572, test=-3627.752)
total time= 14.9s
[CV 1/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.024, test=-3518.030)
total time= 37.1s
[CV 2/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-20.995, test=-3396.706)
total time= 14.9s
[CV 5/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 5/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-4.445, test=-3324.825)
total time= 18.6s
[CV 5/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1222.515, test=-3124.849)
total time= 1.5s
[CV 4/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-9.351, test=-3479.061)
total time= 14.7s
[CV 2/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.008, test=-3513.538)
total time= 37.4s
[CV 3/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-6.881, test=-3535.027)
total time= 14.9s
[CV 1/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.005, test=-3241.195)
total time= 37.5s
[CV 2/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-11.311, test=-3516.446)
total time= 14.8s
[CV 5/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-3.204, test=-3428.057)
total time= 18.6s
[CV 3/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1232.847, test=-3194.342)
total time= 1.5s
[CV 1/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-522.033, test=-3257.099)
total time= 3.7s

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[CV 4/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-547.802, test=-3405.968)
total time= 3.7s
[CV 2/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-158.910, test=-3526.861)
total time= 7.4s
[CV 5/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-151.077, test=-3423.132)
total time= 7.5s
[CV 1/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2.803, test=-3241.995)
total time= 18.8s
[CV 4/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.005, test=-3469.823)
total time= 37.5s
[CV 2/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-6.906, test=-3399.649)
total time= 18.6s
[CV 5/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.015, test=-3325.930)
total time= 37.0s
[CV 3/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-6.023, test=-3612.320)
total time= 18.6s
[CV 1/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1779.908, test=-2919.387)
total time= 0.8s
[CV 2/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10;; score=(train=-1887.316, test=-2963.389)
total time= 0.7s
[CV 4/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1762.052, test=-2961.070)
total time= 0.7s
[CV 1/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1351.225, test=-3208.426)
total time= 1.5s
[CV 3/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1283.112, test=-3213.801)
total time= 1.5s
[CV 1/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-656.087, test=-3444.799)
total time= 3.7s
[CV 4/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-643.034, test=-3385.484)
total time= 3.8s
[CV 2/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-218.812, test=-3391.003)
total time= 7.5s
[CV 5/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-139.018, test=-3328.358)
total time= 7.4s
[CV 1/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-6.931, test=-3540.991)
total time= 18.7s
[CV 4/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.020, test=-3445.113)
total time= 37.5s
[CV 2/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250
[CV 2/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-6.906, test=-3397.809)
total time= 18.7s
[CV 5/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.015, test=-3318.680)
total time= 37.5s
[CV 5/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-10.774, test=-3438.945)
total time= 15.0s
[CV 3/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.003, test=-3526.749)
total time= 37.5s
[CV 4/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-9.351, test=-3480.984)
total time= 14.9s
[CV 2/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.008, test=-3531.996)
total time= 37.4s
[CV 3/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-6.881, test=-3535.607)
total time= 14.9s
[CV 1/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.005, test=-3247.488)
total time= 37.3s
[CV 2/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-20.995, test=-3395.512)
total time= 14.9s
[CV 5/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-4.445, test=-3316.720)

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total time= 18.5s
[CV 3/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1283.112, test=-3210.878)
total time= 1.5s
[CV 1/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-656.087, test=-3453.351)
total time= 3.8s
[CV 4/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-643.034, test=-3370.651)
total time= 3.7s
[CV 2/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-218.812, test=-3367.123)
total time= 7.5s
[CV 5/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-139.018, test=-3306.981)
total time= 7.4s
[CV 1/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-6.931, test=-3532.697)
total time= 18.6s
[CV 4/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.020, test=-3442.592)
total time= 37.1s
[CV 2/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-6.906, test=-3398.490)
total time= 18.6s
[CV 5/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.015, test=-3302.269)
total time= 37.0s
[CV 3/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

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[CV 3/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-6.023, test=-3622.440)
total time= 18.6s
[CV 1/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-698.295, test=-3687.918)
total time= 1.2s
[CV 3/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-675.461, test=-3815.026)
total time= 1.1s
[CV 5/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-657.052, test=-3487.932)
total time= 1.2s
[CV 2/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-161.752, test=-3397.141)
total time= 2.3s
[CV 5/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-110.590, test=-3571.500)
total time= 2.2s
[CV 3/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1.954, test=-3877.659)
total time= 5.6s
[CV 1/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.002, test=-3795.887)
total time= 11.2s
[CV 2/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3370.538)
total time= 22.2s
[CV 5/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3483.735)
total time= 27.4s

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[CV 5/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-96.068, test=-3692.152)
total time= 2.2s
[CV 3/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1.817, test=-3798.276)
total time= 5.5s
[CV 5/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-4.445, test=-3321.621)
total time= 18.4s
[CV 4/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1401.619, test=-3097.417)
total time= 1.5s
[CV 2/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-673.397, test=-3300.529)
total time= 3.7s
[CV 5/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-533.798, test=-3251.826)
total time= 3.7s
[CV 3/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-205.687, test=-3612.744)
total time= 7.7s
[CV 1/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-15.104, test=-3293.995)
total time= 14.8s
[CV 4/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-4.759, test=-3444.875)
total time= 18.5s
[CV 1/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20;; score=(train=-1351.225, test=-3196.464)
total time= 1.5s
[CV 3/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1283.112, test=-3207.782)
total time= 1.5s
[CV 1/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-656.087, test=-3449.530)
total time= 3.8s
[CV 4/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-643.034, test=-3368.063)
total time= 3.8s
[CV 2/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-218.812, test=-3393.579)
total time= 7.4s
[CV 5/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-139.018, test=-3311.924)
total time= 7.4s
[CV 1/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-6.931, test=-3521.112)
total time= 18.6s
[CV 4/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.020, test=-3438.140)
total time= 37.4s
[CV 5/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3523.867)
total time= 22.3s
[CV 3/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3792.095)
total time= 52.2s
[CV 2/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250
[CV 2/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3447.584)
total time= 27.9s
[CV 5/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3631.854)
total time= 54.0s
[CV 3/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3779.369)
total time= 27.8s
[CV 1/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1034.581, test=-3574.173)
total time= 1.2s
[CV 2/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1004.629, test=-3306.001)
total time= 1.1s
[CV 3/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-950.097, test=-3492.470)
total time= 1.1s
[CV 4/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1185.971, test=-3305.510)
total time= 1.2s
[CV 5/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1014.271, test=-3679.420)
total time= 1.1s
[CV 1/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-431.405, test=-3641.709)
total time= 2.3s
[CV 2/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-494.173, test=-3409.777)

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total time= 2.3s
[CV 5/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-444.246, test=-3806.653)
total time= 2.3s
[CV 3/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-20.009, test=-3571.083)
total time= 5.5s
[CV 3/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-3537.503)
total time= 37.4s
[CV 5/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-13.413, test=-3322.028)
total time= 14.8s
[CV 3/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.016, test=-3614.185)
total time= 37.2s
[CV 4/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-12.750, test=-3423.130)
total time= 14.8s
[CV 2/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.028, test=-3402.197)
total time= 37.3s
[CV 3/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-19.572, test=-3634.383)
total time= 14.9s
[CV 2/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.028, test=-3394.346)
total time= 37.4s
[CV 3/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

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[CV 3/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-19.572, test=-3618.699)
total time= 15.0s
[CV 1/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.024, test=-3537.003)
total time= 37.3s
[CV 4/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.002, test=-3575.977)
total time= 11.3s
[CV 1/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3781.545)
total time= 28.0s
[CV 4/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3617.361)
total time= 52.2s
[CV 3/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3810.935)
total time= 27.7s
[CV 1/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1032.829, test=-3482.413)
total time= 1.2s
[CV 2/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-939.830, test=-3267.732)
total time= 1.1s
[CV 3/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-875.850, test=-3656.292)
total time= 1.1s
[CV 4/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-779.065, test=-3366.140)
total time= 1.1s

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[CV 5/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-926.793, test=-3480.210)
total time= 1.2s
[CV 1/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-298.071, test=-3724.078)
total time= 2.3s
[CV 4/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-232.398, test=-3400.564)
total time= 2.2s
[CV 2/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-8.858, test=-3395.163)
total time= 5.5s
[CV 5/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-10.843, test=-3712.113)
total time= 5.6s
[CV 3/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.030, test=-3755.814)
total time= 11.1s
[CV 2/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3352.404)
total time= 22.2s
[CV 5/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3702.885)
total time= 27.5s
[CV 4/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-453.878, test=-3453.640)
total time= 2.3s
[CV 2/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50;; score=(train=-44.594, test=-3469.827)
total time= 5.6s
[CV 5/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-30.491, test=-3803.460)
total time= 5.5s
[CV 3/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.283, test=-3594.935)
total time= 10.9s
[CV 1/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-137.070, test=-3296.161)
total time= 7.4s
[CV 4/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-157.055, test=-3431.420)
total time= 7.4s
[CV 5/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-13.413, test=-3325.699)
total time= 14.9s
[CV 3/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.016, test=-3627.898)
total time= 36.5s
[CV 4/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-12.750, test=-3436.204)
total time= 14.7s
[CV 1/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.024, test=-3530.162)
total time= 37.3s
[CV 2/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-20.995, test=-3403.954)
total time= 15.0s
[CV 5/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250
[CV 5/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-4.445, test=-3331.559)
total time= 18.7s
[CV 3/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-190.096, test=-3839.204)
total time= 2.3s
[CV 1/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1.302, test=-3801.401)
total time= 5.5s
[CV 4/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-3.787, test=-3592.193)
total time= 5.6s
[CV 2/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.001, test=-3304.196)
total time= 11.1s
[CV 3/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3820.227)
total time= 22.3s
[CV 1/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3803.386)
total time= 53.2s
[CV 4/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3457.549)
total time= 22.2s
[CV 2/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3466.677)
total time= 44.5s
[CV 5/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.060, test=-3717.894)

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total time= 11.1s
[CV 1/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3662.952)
total time= 27.5s
[CV 4/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3417.284)
total time= 55.6s
[CV 2/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3483.558)
total time= 27.6s
[CV 5/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3788.505)
total time= 55.6s
[CV 3/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3615.559)
total time= 27.1s
[CV 1/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-855.288, test=-3579.649)
total time= 1.1s
[CV 3/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-908.465, test=-3479.535)
total time= 1.1s
[CV 5/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-876.471, test=-3365.561)
total time= 1.1s
[CV 2/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-297.894, test=-3434.533)
total time= 2.2s
[CV 4/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

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[CV 4/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-391.039, test=-3501.106)
total time= 2.2s
[CV 2/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-12.728, test=-3450.269)
total time= 5.4s
[CV 5/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-16.381, test=-3438.765)
total time= 5.5s
[CV 4/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-157.055, test=-3436.747)
total time= 7.4s
[CV 5/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-13.413, test=-3314.144)
total time= 14.8s
[CV 3/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.016, test=-3614.584)
total time= 37.4s
[CV 5/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-13.413, test=-3318.070)
total time= 14.9s
[CV 3/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.016, test=-3623.734)
total time= 37.2s
[CV 1/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3741.720)
total time= 22.3s
[CV 4/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3591.464)
total time= 28.0s

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[CV 4/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-172.679, test=-3468.305)
total time= 2.2s
[CV 2/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2.335, test=-3478.668)
total time= 5.6s
[CV 5/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-3.228, test=-3683.726)
total time= 5.6s
[CV 3/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3784.819)
total time= 11.1s
[CV 2/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3492.444)
total time= 22.3s
[CV 5/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3725.823)
total time= 27.6s
[CV 3/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-249.813, test=-3665.829)
total time= 2.3s
[CV 1/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-12.232, test=-3690.752)
total time= 5.6s
[CV 4/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-9.959, test=-3408.122)
total time= 5.5s
[CV 2/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100;; score=(train=-0.049, test=-3398.641)
total time= 11.1s
[CV 1/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3726.450)
total time= 22.1s
[CV 4/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3422.780)
total time= 27.5s
[CV 3/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-329.411, test=-3567.819)
total time= 2.2s
[CV 1/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-37.423, test=-3680.156)
total time= 5.7s
[CV 4/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-21.154, test=-3482.790)
total time= 5.6s
[CV 2/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.562, test=-3481.598)
total time= 11.2s
[CV 5/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.387, test=-3794.505)
total time= 11.2s
[CV 1/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3706.224)
total time= 27.9s
[CV 4/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3493.634)
total time= 56.0s
[CV 2/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 2/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3414.342)
total time= 27.1s
[CV 5/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3447.557)
total time= 54.8s
[CV 3/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3622.138)
total time= 27.3s
[CV 3/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3864.032)
total time= 28.1s
[CV 1/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-528.502, test=-3748.150)
total time= 1.1s
[CV 2/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-697.261, test=-3331.549)
total time= 1.2s
[CV 3/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-567.718, test=-3779.447)
total time= 1.1s
[CV 4/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-654.750, test=-3384.198)
total time= 1.2s
[CV 5/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-553.713, test=-3724.273)
total time= 1.1s
[CV 1/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-119.081, test=-3725.783)

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total time= 2.2s
[CV 2/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-195.001, test=-3460.315)
total time= 2.3s
[CV 3/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-153.823, test=-3796.044)
total time= 2.3s
[CV 1/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2.054, test=-3764.435)
total time= 5.6s
[CV 4/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2.479, test=-3479.122)
total time= 5.6s
[CV 2/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.002, test=-3510.414)
total time= 11.2s
[CV 1/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3786.280)
total time= 22.4s
[CV 4/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3441.769)
total time= 27.6s
[CV 2/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-290.090, test=-3410.767)
total time= 2.3s
[CV 5/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-284.982, test=-3711.698)
total time= 2.3s
[CV 3/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

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[CV 3/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-7.217, test=-3640.411)
total time= 5.5s
[CV 1/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.070, test=-3718.253)
total time= 11.3s
[CV 4/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.046, test=-3389.147)
total time= 11.2s
[CV 5/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3729.658)
total time= 22.3s
[CV 3/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3762.174)
total time= 52.9s
[CV 4/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3511.677)
total time= 22.1s
[CV 2/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3472.007)
total time= 55.9s
[CV 4/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3548.703)
total time= 21.8s
[CV 2/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3414.479)
total time= 55.5s
[CV 4/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3569.758)
total time= 22.0s

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[CV 2/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3423.781)
total time= 55.3s
[CV 3/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3640.767)
total time= 22.0s
[CV 1/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3662.797)
total time= 55.7s
[CV 2/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1360.822, test=-3214.949)
total time= 1.5s
[CV 4/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1401.619, test=-3095.765)
total time= 1.5s
[CV 2/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-673.397, test=-3304.443)
total time= 3.7s
[CV 5/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-533.798, test=-3256.525)
total time= 3.7s
[CV 3/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-205.687, test=-3619.801)
total time= 7.5s
[CV 1/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-18.463, test=-3541.549)
total time= 14.9s
[CV 4/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250;; score=(train=-4.759, test=-3433.764)
total time= 18.6s
[CV 2/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-700.925, test=-3304.310)
total time= 1.1s
[CV 4/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-736.054, test=-3487.031)
total time= 1.2s
[CV 1/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-170.563, test=-3769.849)
total time= 2.2s
[CV 4/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-200.067, test=-3528.290)
total time= 2.3s
[CV 2/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2.050, test=-3381.383)
total time= 5.6s
[CV 5/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1.369, test=-3663.456)
total time= 5.5s
[CV 3/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.001, test=-3798.612)
total time= 11.1s
[CV 4/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3589.290)
total time= 22.3s
[CV 2/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3404.046)
total time= 40.6s
[CV 4/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=100
[CV 4/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.002, test=-3489.774)
total time= 11.1s
[CV 5/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3719.402)
total time= 22.3s
[CV 3/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3777.126)
total time= 53.9s
[CV 4/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3409.420)
total time= 22.1s
[CV 2/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3415.285)
total time= 55.9s
[CV 5/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3777.514)
total time= 22.0s
[CV 3/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3554.174)
total time= 55.6s
[CV 5/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3439.270)
total time= 21.5s
[CV 3/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3629.396)
total time= 54.9s
[CV 5/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3430.562)

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total time= 21.7s
[CV 3/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3645.794)
total time= 55.6s
[CV 5/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3459.605)
total time= 21.6s
[CV 3/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3645.551)
total time= 55.7s
[CV 1/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.002, test=-3625.592)
total time= 11.1s
[CV 5/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3720.833)
total time= 11.0s
[CV 1/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3722.415)
total time= 27.6s
[CV 4/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3477.697)
total time= 53.0s
[CV 2/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3394.205)
total time= 27.7s
[CV 5/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3703.183)
total time= 56.7s
[CV 3/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 3/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3588.942)
total time= 27.8s
[CV 1/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-855.288, test=-3564.517)
total time= 1.1s
[CV 3/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-908.465, test=-3480.385)
total time= 1.1s
[CV 5/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-876.471, test=-3359.259)
total time= 1.1s
[CV 2/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-297.894, test=-3470.652)
total time= 2.2s
[CV 4/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-391.039, test=-3491.878)
total time= 2.2s
[CV 2/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-12.728, test=-3425.008)
total time= 5.4s
[CV 5/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-16.381, test=-3433.123)
total time= 5.4s
[CV 3/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.121, test=-3630.871)
total time= 10.9s
[CV 1/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3667.715)
total time= 21.7s

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[CV 4/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3552.688)
total time= 27.2s
[CV 2/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-889.671, test=-3303.251)
total time= 1.1s
[CV 4/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-933.307, test=-3367.225)
total time= 1.1s
[CV 1/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-306.099, test=-3662.790)
total time= 2.2s
[CV 3/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-391.444, test=-3606.066)
total time= 2.2s
[CV 1/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-13.269, test=-3659.173)
total time= 5.5s
[CV 4/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-22.941, test=-3555.965)
total time= 5.7s
[CV 2/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.085, test=-3441.570)
total time= 10.7s
[CV 5/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.096, test=-3431.479)
total time= 10.8s
[CV 1/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3658.977)
total time= 27.2s
[CV 4/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3565.843)
total time= 55.2s
[CV 2/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3448.249)
total time= 27.1s
[CV 5/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3462.220)
total time= 55.1s
[CV 3/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-640.698, test=-3555.218)
total time= 3.8s
[CV 1/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-196.104, test=-3517.699)
total time= 7.5s
[CV 4/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-157.055, test=-3423.474)
total time= 7.5s
[CV 4/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-12.750, test=-3420.472)
total time= 14.9s
[CV 2/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.028, test=-3417.671)
total time= 37.3s
[CV 5/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3468.867)
total time= 11.1s
[CV 2/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250
[CV 2/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3338.234)
total time= 27.9s
[CV 5/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3644.246)
total time= 40.5s
[CV 3/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3836.662)
total time= 22.1s
[CV 1/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3720.111)
total time= 52.8s
[CV 3/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3750.396)
total time= 22.0s
[CV 1/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3681.766)
total time= 55.0s
[CV 3/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3581.783)
total time= 22.0s
[CV 5/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3772.364)
total time= 27.5s
[CV 5/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-320.021, test=-3400.904)
total time= 2.2s
[CV 3/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-17.918, test=-3616.075)

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total time= 5.5s
[CV 1/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.106, test=-3653.062)
total time= 10.8s
[CV 4/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.203, test=-3540.497)
total time= 10.9s
[CV 3/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3600.590)
total time= 21.6s
[CV 1/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3652.494)
total time= 55.7s
[CV 2/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3449.170)
total time= 21.7s
[CV 5/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3428.159)
total time= 27.0s
[CV 5/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-320.021, test=-3404.239)
total time= 2.2s
[CV 3/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-17.918, test=-3613.884)
total time= 5.5s
[CV 1/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.106, test=-3666.613)
total time= 10.9s
[CV 4/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

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[CV 4/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.203, test=-3550.436)
total time= 11.0s
[CV 4/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3551.235)
total time= 21.7s
[CV 2/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3400.360)
total time= 55.2s
[CV 2/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3441.703)
total time= 21.8s
[CV 1/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3669.402)
total time= 22.0s
[CV 4/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3501.207)
total time= 27.3s
[CV 2/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-889.671, test=-3324.640)
total time= 1.1s
[CV 4/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-933.307, test=-3334.506)
total time= 1.1s
[CV 1/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-306.099, test=-3651.385)
total time= 2.2s
[CV 3/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-391.444, test=-3603.522)
total time= 2.2s

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[CV 1/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-13.269, test=-3650.365)
total time= 5.4s
[CV 4/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-22.941, test=-3538.147)
total time= 5.4s
[CV 2/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.085, test=-3455.344)
total time= 10.7s
[CV 5/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.096, test=-3428.829)
total time= 10.7s
[CV 1/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3668.570)
total time= 26.9s
[CV 4/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3542.263)
total time= 54.6s
[CV 2/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3435.296)
total time= 27.0s
[CV 5/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3444.104)
total time= 56.1s
[CV 3/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3619.480)
total time= 27.2s
[CV 1/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-942.161, test=-3497.970)
total time= 1.1s
[CV 2/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1154.647, test=-3206.419)
total time= 1.1s
[CV 4/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1117.333, test=-3391.355)
total time= 1.1s
[CV 1/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-364.903, test=-3639.684)
total time= 2.2s
[CV 3/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-501.239, test=-3649.127)
total time= 2.2s
[CV 5/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-369.056, test=-3453.006)
total time= 2.2s
[CV 3/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-42.682, test=-3748.708)
total time= 5.5s
[CV 1/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.482, test=-3619.823)
total time= 10.8s
[CV 4/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.467, test=-3626.791)
total time= 10.8s
[CV 3/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3761.641)
total time= 21.6s
[CV 5/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250
[CV 5/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3461.766)
total time= 27.0s
[CV 1/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-41.818, test=-3505.629)
total time= 5.3s
[CV 4/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-53.342, test=-3391.686)
total time= 5.3s
[CV 2/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.410, test=-3456.169)
total time= 10.6s
[CV 1/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-855.288, test=-3572.352)
total time= 1.1s
[CV 2/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-889.671, test=-3335.203)
total time= 1.1s
[CV 3/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-908.465, test=-3494.108)
total time= 1.1s
[CV 5/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-876.471, test=-3362.710)
total time= 1.1s
[CV 2/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-297.894, test=-3412.773)
total time= 2.2s
[CV 4/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-391.039, test=-3484.894)

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total time= 2.2s
[CV 2/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-12.728, test=-3446.326)
total time= 5.4s
[CV 5/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-16.381, test=-3433.510)
total time= 5.4s
[CV 3/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.121, test=-3590.179)
total time= 10.9s
[CV 1/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3648.582)
total time= 21.7s
[CV 4/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3562.904)
total time= 27.1s
[CV 3/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1136.793, test=-3389.742)
total time= 1.1s
[CV 5/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-965.583, test=-3417.380)
total time= 1.1s
[CV 2/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-454.711, test=-3385.927)
total time= 2.2s
[CV 4/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-490.821, test=-3572.333)
total time= 2.2s
[CV 2/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

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[CV 2/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-44.544, test=-3418.518)
total time= 5.5s
[CV 5/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-26.347, test=-3460.844)
total time= 5.4s
[CV 3/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.582, test=-3769.722)
total time= 10.8s
[CV 1/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3628.258)
total time= 21.8s
[CV 4/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3621.197)
total time= 27.0s
[CV 3/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1095.711, test=-3468.143)
total time= 1.1s
[CV 5/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-939.584, test=-3409.335)
total time= 1.0s
[CV 2/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-589.262, test=-3383.441)
total time= 2.2s
[CV 4/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-507.407, test=-3367.635)
total time= 2.2s
[CV 2/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-53.692, test=-3453.349)
total time= 5.3s

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[CV 5/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-59.947, test=-3611.859)
total time= 5.4s
[CV 3/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.823, test=-3654.132)
total time= 10.8s
[CV 1/5; 2301/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 2301/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3490.719)
total time= 21.1s
[CV 4/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3379.519)
total time= 26.3s
[CV 3/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.121, test=-3637.580)
total time= 11.0s
[CV 1/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3660.253)
total time= 21.9s
[CV 4/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3549.795)
total time= 27.3s
[CV 4/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-933.307, test=-3354.570)
total time= 1.1s
[CV 1/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-306.099, test=-3659.742)
total time= 2.2s
[CV 3/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=20;; score=(train=-391.444, test=-3603.346)
total time= 2.2s
[CV 1/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-13.269, test=-3640.072)
total time= 5.4s
[CV 4/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-22.941, test=-3568.077)
total time= 5.5s
[CV 2/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.085, test=-3440.722)
total time= 10.8s
[CV 5/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.096, test=-3418.264)
total time= 10.7s
[CV 1/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3661.666)
total time= 26.9s
[CV 4/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3559.955)
total time= 54.8s
[CV 2/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3428.905)
total time= 27.2s
[CV 5/5; 2296/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 2296/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3480.029)
total time= 53.9s
[CV 3/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3649.757)
total time= 26.6s
[CV 1/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10
[CV 1/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1019.143, test=-3348.982)
total time= 1.1s
[CV 2/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1137.267, test=-3266.826)
total time= 1.1s
[CV 3/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1095.711, test=-3468.799)
total time= 1.1s
[CV 5/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-939.584, test=-3411.523)
total time= 1.1s
[CV 2/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-589.262, test=-3396.012)
total time= 2.2s
[CV 4/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-507.407, test=-3383.958)
total time= 2.2s
[CV 2/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-53.692, test=-3459.061)
total time= 5.3s
[CV 5/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-59.947, test=-3611.459)
total time= 5.4s
[CV 3/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1.823, test=-3659.798)
total time= 10.8s
[CV 1/5; 2308/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 2308/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3502.138)

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total time= 21.2s
[CV 4/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3412.453)
total time= 26.6s
[CV 4/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1044.000, test=-3294.747)
total time= 1.1s
[CV 1/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-451.494, test=-3454.214)
total time= 2.1s
[CV 3/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-468.355, test=-3579.891)
total time= 2.2s
[CV 1/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.369, test=-3662.366)
total time= 11.1s
[CV 4/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.246, test=-3488.642)
total time= 11.0s
[CV 2/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3465.055)
total time= 22.3s
[CV 1/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3713.129)
total time= 55.3s
[CV 2/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3444.617)
total time= 21.8s
[CV 5/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

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[CV 5/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3440.852)
total time= 27.2s
[CV 5/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-320.021, test=-3405.503)
total time= 2.2s
[CV 3/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-17.918, test=-3593.924)
total time= 5.5s
[CV 1/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.106, test=-3680.794)
total time= 11.0s
[CV 4/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.203, test=-3560.881)
total time= 11.1s
[CV 3/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3621.365)
total time= 22.0s
[CV 1/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3657.304)
total time= 55.6s
[CV 2/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3411.764)
total time= 21.6s
[CV 5/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3437.306)
total time= 27.1s
[CV 1/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-25.224, test=-3619.288)
total time= 5.4s

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[CV 4/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-34.965, test=-3621.858)
total time= 5.4s
[CV 2/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.612, test=-3438.853)
total time= 10.8s
[CV 5/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.367, test=-3465.294)
total time= 10.9s
[CV 1/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3627.864)
total time= 27.0s
[CV 4/5; 2296/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 2296/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3628.836)
total time= 54.0s
[CV 2/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3459.255)
total time= 26.5s
[CV 5/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3620.737)
total time= 52.8s
[CV 3/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3649.342)
total time= 26.5s
[CV 1/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1019.143, test=-3348.982)
total time= 1.1s
[CV 2/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10;; score=(train=-1137.267, test=-3274.103)
total time= 1.1s
[CV 3/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1095.711, test=-3464.941)
total time= 1.1s
[CV 5/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-939.584, test=-3406.848)
total time= 1.0s
[CV 2/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-589.262, test=-3379.598)
total time= 2.2s
[CV 4/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-507.407, test=-3375.180)
total time= 2.1s
[CV 2/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-53.692, test=-3447.353)
total time= 5.3s
[CV 5/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-59.947, test=-3598.648)
total time= 5.4s
[CV 3/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1.823, test=-3655.333)
total time= 10.8s
[CV 1/5; 2315/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 2315/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3495.434)
total time= 21.3s
[CV 4/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3428.942)
total time= 26.5s
[CV 3/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=10
[CV 3/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1095.711, test=-3472.949)
total time= 1.1s
[CV 5/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-939.584, test=-3402.415)
total time= 1.0s
[CV 2/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-589.262, test=-3384.276)
total time= 2.2s
[CV 4/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-507.407, test=-3366.190)
total time= 2.2s
[CV 2/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-53.692, test=-3457.968)
total time= 5.4s
[CV 5/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-59.947, test=-3624.982)
total time= 5.4s
[CV 3/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1.823, test=-3660.506)
total time= 10.8s
[CV 1/5; 2322/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 2322/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.001, test=-3505.070)
total time= 21.4s
[CV 4/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3405.093)
total time= 26.8s
[CV 2/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-625.587, test=-3384.309)

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total time= 2.1s
[CV 4/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-590.754, test=-3079.277)
total time= 2.1s
[CV 2/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-76.000, test=-3442.471)
total time= 5.2s
[CV 5/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-91.339, test=-3433.008)
total time= 5.3s
[CV 3/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2.972, test=-3821.934)
total time= 10.5s
[CV 1/5; 2329/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 2329/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.005, test=-3404.276)
total time= 20.9s
[CV 4/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.001, test=-3097.408)
total time= 26.3s
[CV 3/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1282.835, test=-3487.692)
total time= 1.0s
[CV 4/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1250.276, test=-3049.823)
total time= 1.1s
[CV 1/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-540.177, test=-3376.858)
total time= 2.1s
[CV 3/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

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[CV 3/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-599.330, test=-3801.552)
total time= 2.2s
[CV 1/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-73.742, test=-3417.079)
total time= 5.2s
[CV 4/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-111.636, test=-3108.775)
total time= 5.3s
[CV 2/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-3.260, test=-3452.496)
total time= 10.5s
[CV 5/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-3.726, test=-3423.973)
total time= 10.5s
[CV 5/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.607, test=-3583.767)
total time= 10.7s
[CV 1/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3495.896)
total time= 26.7s
[CV 4/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3389.624)
total time= 53.7s
[CV 2/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3449.006)
total time= 26.8s
[CV 5/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3601.312)
total time= 52.8s

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[CV 3/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3660.020)
total time= 26.6s
[CV 1/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1019.143, test=-3346.185)
total time= 1.1s
[CV 2/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1137.267, test=-3275.044)
total time= 1.1s
[CV 4/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1044.000, test=-3274.409)
total time= 1.1s
[CV 1/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-451.494, test=-3448.103)
total time= 2.1s
[CV 3/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-468.355, test=-3588.381)
total time= 2.2s
[CV 1/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-41.818, test=-3491.359)
total time= 5.3s
[CV 4/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-53.342, test=-3390.695)
total time= 5.3s
[CV 2/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1.410, test=-3456.321)
total time= 10.6s
[CV 5/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100;; score=(train=-1.607, test=-3596.583)
total time= 10.7s
[CV 1/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3494.911)
total time= 26.7s
[CV 4/5; 2324/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 2324/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3388.976)
total time= 53.2s
[CV 2/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3458.909)
total time= 26.0s
[CV 5/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3447.269)
total time= 51.7s
[CV 3/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3840.883)
total time= 26.2s
[CV 1/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1160.417, test=-3277.728)
total time= 1.1s
[CV 2/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1238.246, test=-3260.544)
total time= 1.1s
[CV 4/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1250.276, test=-3058.855)
total time= 1.1s
[CV 1/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-540.177, test=-3400.558)
total time= 2.1s
[CV 3/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20
[CV 3/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-599.330, test=-3799.227)
total time= 2.1s
[CV 1/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-73.742, test=-3436.578)
total time= 5.2s
[CV 4/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-111.636, test=-3120.742)
total time= 5.3s
[CV 2/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-3.260, test=-3445.870)
total time= 10.5s
[CV 5/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-3.726, test=-3418.139)
total time= 10.5s
[CV 4/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1044.000, test=-3289.832)
total time= 1.1s
[CV 1/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-451.494, test=-3454.369)
total time= 2.1s
[CV 3/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-468.355, test=-3591.765)
total time= 2.1s
[CV 1/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-41.818, test=-3499.769)
total time= 5.3s
[CV 4/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-53.342, test=-3399.708)

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total time= 5.3s
[CV 2/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1.410, test=-3455.987)
total time= 10.5s
[CV 5/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1.607, test=-3620.224)
total time= 10.6s
[CV 1/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3499.332)
total time= 26.6s
[CV 4/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3402.201)
total time= 53.3s
[CV 2/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3457.671)
total time= 26.4s
[CV 5/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3598.434)
total time= 52.2s
[CV 3/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3655.036)
total time= 26.3s
[CV 1/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1160.417, test=-3271.189)
total time= 1.0s
[CV 2/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1238.246, test=-3260.266)
total time= 1.1s
[CV 3/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

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[CV 3/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1282.835, test=-3478.312)
total time= 1.1s
[CV 4/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1250.276, test=-3056.221)
total time= 1.1s
[CV 5/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1190.691, test=-3287.900)
total time= 1.1s
[CV 1/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-540.177, test=-3413.881)
total time= 2.1s
[CV 3/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-599.330, test=-3797.613)
total time= 2.1s
[CV 1/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-73.742, test=-3446.658)
total time= 5.2s
[CV 4/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-111.636, test=-3107.718)
total time= 5.3s
[CV 2/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-3.260, test=-3459.904)
total time= 10.6s
[CV 5/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-3.726, test=-3424.234)
total time= 10.5s
[CV 1/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3418.959)
total time= 26.3s

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[CV 4/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 4/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3106.291)
total time= 52.6s

[CV 2/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 2/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3438.893)
total time= 25.9s

[CV 5/5; 2338/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 5/5; 2338/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3444.913)
total time= 51.6s

[CV 3/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 3/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3826.768)
total time= 26.1s

[CV 1/5; 2346/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 1/5; 2346/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1160.417, test=-3245.936)
total time= 1.1s

[CV 1/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 1/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-41.818, test=-3496.913)
total time= 5.3s

[CV 4/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 4/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-53.342, test=-3417.184)
total time= 5.4s

[CV 2/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 2/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1.410, test=-3475.567)
total time= 10.4s

[CV 5/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

[CV 5/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1.607, test=-3605.467)
total time= 10.7s

[CV 1/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 1/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3508.822)
total time= 26.6s
[CV 4/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3399.057)
total time= 53.6s
[CV 2/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3477.090)
total time= 26.8s
[CV 5/5; 2324/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 2324/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3610.034)
total time= 52.8s
[CV 3/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3830.159)
total time= 26.2s
[CV 1/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1160.417, test=-3268.990)
total time= 1.1s
[CV 2/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1238.246, test=-3260.645)
total time= 1.1s
[CV 5/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1190.691, test=-3286.255)
total time= 1.1s
[CV 2/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-625.587, test=-3383.151)
total time= 2.1s
[CV 4/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-590.754, test=-3070.851)
total time= 2.1s
[CV 2/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50
[CV 2/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-76.000, test=-3447.607)
total time= 5.2s
[CV 5/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-91.339, test=-3434.244)
total time= 5.3s
[CV 3/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2.972, test=-3836.586)
total time= 10.4s
[CV 1/5; 2336/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2336/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.005, test=-3416.313)
total time= 20.9s
[CV 4/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.001, test=-3115.828)
total time= 26.4s
[CV 3/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1282.835, test=-3481.076)
total time= 1.1s
[CV 5/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1190.691, test=-3284.718)
total time= 1.1s
[CV 2/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-625.587, test=-3384.399)
total time= 2.1s
[CV 4/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-590.754, test=-3087.988)
total time= 2.1s
[CV 2/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-76.000, test=-3447.338)

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total time= 5.3s
[CV 5/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-91.339, test=-3441.613)
total time= 5.3s
[CV 3/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2.972, test=-3830.307)
total time= 10.4s
[CV 1/5; 2343/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2343/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.005, test=-3445.006)
total time= 20.8s
[CV 4/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.001, test=-3110.691)
total time= 26.4s
[CV 5/5; 2346/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2346/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1190.691, test=-3293.978)
total time= 1.1s
[CV 3/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3744.736)
total time= 27.1s
[CV 1/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1019.143, test=-3348.982)
total time= 1.1s
[CV 2/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1137.267, test=-3270.638)
total time= 1.1s
[CV 4/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1044.000, test=-3288.375)
total time= 1.1s
[CV 1/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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```

[CV 1/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-451.494, test=-3462.164)
total time= 2.1s
[CV 3/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-468.355, test=-3590.149)
total time= 2.2s
[CV 5/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-414.308, test=-3559.707)
total time= 2.1s
[CV 3/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-59.798, test=-3654.533)
total time= 5.4s
[CV 1/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-0.961, test=-3507.749)
total time= 10.6s
[CV 4/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.204, test=-3392.223)
total time= 10.6s
[CV 4/5; 2301/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 2301/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3403.457)
total time= 21.3s
[CV 2/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3469.801)
total time= 53.6s
[CV 3/5; 2308/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 2308/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3668.829)
total time= 21.3s
[CV 2/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3455.360)
total time= 53.4s

```

[CV 3/5; 2315/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 3/5; 2315/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3662.079) total time= 21.3s

[CV 1/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 1/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3490.285) total time= 53.3s

[CV 2/5; 2322/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 2/5; 2322/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3469.570) total time= 21.5s

[CV 5/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 5/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3609.826) total time= 26.5s

[CV 5/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 5/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-642.751, test=-3408.067) total time= 2.1s

[CV 3/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 3/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-83.411, test=-3840.491) total time= 5.3s

[CV 1/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 1/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-2.768, test=-3430.358) total time= 10.5s

[CV 4/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 4/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-5.084, test=-3117.060) total time= 10.6s

[CV 5/5; 2329/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 5/5; 2329/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-0.008, test=-3422.836) total time= 21.1s

[CV 3/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 3/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,

```

min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3833.766)
total time= 52.4s
[CV 3/5; 2336/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 2336/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.006, test=-3823.875)
total time= 20.9s
[CV 1/5; 2338/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2338/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3430.186)
total time= 52.7s
[CV 2/5; 2343/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2343/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.006, test=-3441.184)
total time= 21.0s
[CV 5/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3424.680)
total time= 26.2s
[CV 5/5; 2347/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2347/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-642.751, test=-3426.714)
total time= 2.1sCPU times: user 1min 2s, sys: 2.91 s, total: 1min 5s
Wall time: 5h 13min 21s

```

```

[ ]: print (random_reg.best_params_)
      #print (random_reg.best_score_)
      #print("r2 score (training): {0:.3f}".format(gbr_reg.score(x_train, y_train)))

```

```

{'learning_rate': 0.1, 'max_depth': 3, 'min_samples_leaf': 5,
 'min_samples_split': 10, 'n_estimators': 20}

```

```

[ ]: train_X, val_X, train_y, val_y =
      ↪train_test_split(x_train,y_train,random_state=1,test_size=0.2)

```

```

[ ]: from sklearn.linear_model import LinearRegression
      from sklearn.metrics import mean_squared_error as mse
      from sklearn.metrics import r2_score
      from sklearn.ensemble import GradientBoostingRegressor
      from sklearn.model_selection import RandomizedSearchCV, GridSearchCV
      from tqdm import tqdm

      lr = LinearRegression(n_jobs=-1)

```

```

modl = lr.fit(x_train, y_train)

#print(f"r2 score (training): {gbr_reg0.score(x_train, y_train)}")

train_pred = lr.predict(x_train)
val_pred = lr.predict(val_X)
print(f"rmse score (training): {np.sqrt(mse(y_train,train_pred,
→squared=False))}")
print(f"r2 score sklearn score (training): {r2_score(y_train,train_pred)}")

print('-----')
print(f"rmse score (cv): {np.sqrt(mse(val_y,val_pred, squared=False))}")
print(f"r2 score sklearn score (cv): {r2_score(val_y,val_pred)}")

```

```

rmse score (training): 49.49322523752672
r2 score sklearn score (training): 0.2112677175114599
-----
rmse score (cv): 48.38394982249528
r2 score sklearn score (cv): 0.24927881463672652

```

```

[ ]: train_X, val_X, train_y, val_y =
→train_test_split(x_train,y_train,random_state=1,test_size=0.2)
gbr_reg = GradientBoostingRegressor(learning_rate= 0.1, max_depth = 3,
→min_samples_leaf = 5, min_samples_split = 10, n_estimators = 20, verbose=1)
gbr_reg.fit(train_X, train_y)

#print("r2 score (training): {0:.3f}".format(gbr_reg.score(x_train, y_train)))
print(f"r2 score (training): {gbr_reg.score(train_X, train_y)}")

train_pred = gbr_reg.predict(train_X)
val_pred = gbr_reg.predict(val_X)
print(f"rmse score (training): {np.sqrt(mse(train_y,train_pred,
→squared=False))}")
print(f"r2 score sklearn score (training): {r2_score(train_y,train_pred)}")

print('-----')
print(f"rmse score (cv): {np.sqrt(mse(val_y,val_pred, squared=False))}")
print(f"r2 score sklearn score (cv): {r2_score(val_y,val_pred)}")

```

Iter	Train Loss	Remaining Time
1	7428960.2243	0.39s
2	7221153.3156	0.37s
3	7051052.2686	0.35s
4	6909196.9965	0.32s
5	6788200.0289	0.30s
6	6659967.0744	0.28s
7	6567704.6949	0.26s

```

      8      6497195.8922      0.24s
      9      6437901.8834      0.22s
     10      6355154.5808      0.20s
     20      5938712.4623      0.00s
r2 score (training): 0.2270272110814946
rmse score (training): 49.365447081082834
r2 score sklearn score (training): 0.2270272110814946
-----
rmse score (cv): 49.18795953586132
r2 score sklearn score (cv): 0.1981213993018207

```

```

[ ]: import pickle
      pickle.dump((gbr_reg),open('/home/samuelnik15/cs-2/trns3/trns_gbr_model3.
      ↪pkl','wb'))

```

0.3.1 predict model 3

```

[ ]: gbr_reg.predict(x_test1)

```

```

[ ]: array([4502.14514703, 4652.71828935, 4490.43014511, 4060.29432404,
          5178.94651742, 4260.80746928, 4532.89564032, 4253.92818151,
          3840.26172008, 4133.72537891, 3892.33182623, 4045.9584499 ,
          4323.46351404, 4260.80746928, 3874.14573375, 4433.71987349,
          4457.28188668, 4490.43014511, 4871.71327547, 4746.95356237,
          3359.16167124, 4970.8890423 , 4410.04767445, 4333.56301955,
          1268.0252256 , 4601.32091387, 3683.60647452, 4617.45196277,
          4725.30329641, 4681.70338452, 4791.33080481, 4114.93208273,
          4372.00494521, 3501.65958497, 4133.72537891, 4391.25437827,
          4167.30248849, 4133.72537891, 3943.68411108, 4391.25437827,
          4413.9454902 , 4970.8890423 , 4266.47825533, 4310.87190762,
          4410.04767445, 4214.10784957, 4878.2743436 , 4327.65608707,
          4154.75241468, 4214.10784957, 4313.71246755, 3453.66752601,
          4310.87190762, 4310.87190762, 4208.44206058, 3389.43872091,
          4490.43014511, 3957.01631075, 4681.93987694, 3453.66752601,
          4034.54961208, 3973.26714477, 3453.17939759, 3336.36373347,
          3698.8041111 , 4471.18071204, 3761.24452852, 4133.72537891,
          4235.13488533, 4240.49274572, 3270.83255579, 4601.32091387,
          4490.43014511, 4521.24515039, 4333.56301955, 3439.54414189,
          4487.59991899, 4605.48420813, 4314.21804991, 3606.92257213,
          4490.43014511, 3453.66752601, 4201.48097974, 4582.52761769,
          4333.56301955, 1477.53851849, 4228.46643192, 4395.43306299,
          4490.43014511, 4601.32091387, 3606.92257213, 4341.18993993,
          4341.18993993, 4114.93208273, 5181.15212114, 4181.33444346,
          4136.60667805, 4300.65674658, 3388.96942295, 3525.88596597,
          4647.76138569, 4598.75897115, 4410.04767445, 4605.48420813,
          4846.1293292 , 4432.73878638, 4239.31357005, 3855.38695392,

```

4349.43055303, 4672.58649148, 4310.87190762, 4034.54961208,
4781.11564377, 4391.25437827, 4970.8890423 , 3236.19980935,
4490.43014511, 4413.9454902 , 4310.87190762, 4133.72537891,
4253.92818151, 4310.87190762, 4333.56301955, 3453.66752601,
4300.65674658, 4046.90108103, 3138.3284855 , 4513.12125704,
3238.79291002, 3117.94363834, 4310.87190762, 4490.43014511,
4114.93208273, 3521.84161383, 4410.04767445, 4890.50657165,
4167.30248849, 4725.30329641, 4831.4983079 , 4126.69725834,
4440.36570677, 4391.25437827, 4334.31065217, 4080.13694115,
4391.25437827, 4322.28074544, 4083.66094057, 3451.2875446 ,
4296.84108179, 5230.09521841, 4333.56301955, 4644.92082575,
4164.04341123, 4110.68435153, 4083.66094057, 4114.93208273,
4513.12125704, 4310.87190762, 4496.09328025, 4045.9584499 ,
3357.39910826, 4310.87190762, 4169.87419674, 4391.25437827,
4283.49858121, 4536.62647361, 4297.82652046, 4380.51076189,
4391.25437827, 4605.48420813, 4490.43014511, 4133.72537891,
4310.87190762, 4681.70338452, 3984.48517374, 4391.25437827,
4164.04341123, 4372.00494521, 4769.98898445, 4214.10784957,
4410.04767445, 4970.8890423 , 4358.7271719 , 4285.28796135,
4333.56301955, 4310.87190762, 3784.88246726, 4404.11774051,
4310.87190762, 4413.9454902 , 4143.90527655, 4681.70338452,
3371.9165254 , 4821.64883713, 4517.29994175, 3497.91191614,
4083.66094057, 4349.8836736 , 3388.96942295, 4970.8890423 ,
4266.47825533, 4391.25437827, 4260.80746928, 4440.36570677,
4260.80746928, 3640.14022071, 4275.13854143, 3328.9078129 ,
4214.10784957, 3190.45008513, 4635.8176309 , 4490.43014511,
4699.71935014, 4224.2877472 , 4537.66435733, 4440.36570677,
3198.66062521, 4681.70338452, 4432.73878638, 4487.00505377,
4432.73878638, 4582.52761769, 4341.18993993, 4144.53725363,
4659.1861112 , 4791.33080481, 4410.04767445, 4114.93208273,
4300.65674658, 4502.14514703, 4875.89196019, 4280.09755568,
4490.43014511, 3582.04205563, 4333.56301955, 4503.29350735,
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4152.95613563, 4410.04767445, 3876.94936713, 4582.52761769,
4148.05305543, 4341.68691289, 4034.54961208, 4034.54961208,
4260.80746928, 4556.45765351, 4133.72537891, 4119.11076745,
4034.54961208, 4556.45765351, 4601.32091387, 4407.21744834,
3975.54134833, 4457.28188668, 4502.14514703, 4890.50657165,
3569.48551164, 4537.66435733, 4490.43014511, 4283.49858121,
4836.91813389, 4203.02057397, 4413.9454902 , 3271.86833216,
4410.04767445, 4372.84659835, 4494.60882982, 4391.25437827,
4631.8754386 , 4323.34785851, 4744.09659259, 4164.04341123,
4413.9454902 , 4791.33080481, 4333.56301955, 4413.9454902 ,
4310.87190762, 4334.31065217, 4310.87190762, 4970.8890423 ,
4506.30844129, 4582.52761769, 4363.88105186, 4391.25437827,
4871.71327547, 3386.42817181, 4114.93208273, 4410.04767445,
4219.80475342, 4114.93208273, 4391.25437827, 4266.49466517,

3547.05963162, 4114.93208273, 4513.12125704, 3622.72727156,
4154.75241468, 4875.89196019, 4327.65608707, 3407.4635466 ,
3501.65958497, 4890.50657165, 4345.36862465, 4333.56301955,
4413.9454902 , 4490.43014511, 4219.80475342, 4291.62247455,
3874.09137794, 4467.65284078, 3869.83174561, 4154.75241468,
4890.50657165, 4840.44213331, 4034.54961208, 4114.93208273,
4426.24806827, 4513.12125704, 3261.66845871, 4083.66094057,
4316.10296663, 3815.34123003, 4410.04767445, 3984.48517374,
4683.47947117, 4418.12417492, 4359.98323611, 3421.58382149,
4685.88206924, 4502.14514703, 4323.46351404, 4284.24621383,
4341.68691289, 4467.23550341, 4133.72537891, 4440.36570677,
4890.50657165, 4310.87190762, 4286.977864 , 4310.87190762,
4613.29526535, 3389.47970355, 3275.64810765, 3925.1586842 ,
4391.25437827, 4410.04767445, 3559.24619532, 4490.43014511,
4490.43014511, 4064.86764439, 4490.43014511, 4391.25437827,
3403.07666782, 4201.48097974, 4008.96566581, 4002.07464521,
4391.25437827, 4502.14514703, 3686.34420011, 4597.69694735,
4064.86764439, 4821.64883713, 4198.11749377, 4440.86267973,
4310.87190762, 4537.66435733, 4310.87190762, 3386.42817181,
4323.73526986, 4410.04767445, 4283.40304463, 4521.24515039,
4490.43014511, 4781.11564377, 4422.06938355, 4008.96566581,
4034.54961208, 4556.45765351, 4046.90108103, 4283.40304463,
4728.95857564, 4034.54961208, 4341.68691289, 4114.93208273,
4440.36570677, 4161.91588257, 4457.76790459, 3106.06568411,
4214.10784957, 4683.47947117, 4391.25437827, 4410.04767445,
4917.70006245, 4341.68691289, 1630.24646173, 4586.69091195,
4310.87190762, 4582.52761769, 4282.21539365, 4432.73878638,
4970.8890423 , 4490.43014511, 4875.89196019, 3925.1586842 ,
4250.59230824, 3378.28207966, 3605.89594028, 4297.30967045,
4310.87190762, 4440.36570677, 4114.93208273, 4334.31065217,
4333.56301955, 4410.04767445, 4503.29350735, 4353.09575072,
4333.56301955, 4310.87190762, 4887.12661453, 4289.16936726,
4869.80773258, 4428.34830585, 3509.18175698, 3789.44927495,
4521.24515039, 4406.84190082, 3516.05076369, 3138.3284855 ,
4297.30967045, 3984.48517374, 4961.03165446, 4310.87190762,
4426.24806827, 4310.87190762, 4214.10784957, 4372.00494521,
4646.6531598 , 3325.71254599, 4556.94367142, 4422.91103669,
4490.43014511, 3553.31301563, 4422.06938355, 4007.08074909,
3761.24452852, 4310.87190762, 3574.60482689, 4203.02057397,
4391.25437827, 4114.93208273, 3687.89488409, 4300.65674658,
4114.93208273, 4310.87190762, 4839.55312255, 4729.48198113,
3984.48517374, 4440.86267973, 3490.4953788 , 4260.80746928,
4310.87190762, 1579.86379761, 4457.28188668, 4310.87190762,
4457.28188668, 4582.52761769, 4432.73878638, 4871.71327547,
4034.54961208, 4426.8318539 , 4521.24515039, 4502.86921575,
4532.46317935, 4432.73878638, 4291.62247455, 4391.25437827,
4333.56301955, 4332.52217357, 4582.52761769, 4410.04767445,

```

4970.8890423 , 4034.54961208, 4341.68691289, 3926.69827843,
4601.32091387, 4781.11564377, 4391.25437827, 4821.64883713,
4235.13488533, 4547.47739296, 4920.82460396, 4333.56301955,
4871.71327547, 4490.43014511, 4714.92774981, 2944.52009939,
4034.54961208, 3640.14022071, 4034.54961208, 4871.71327547,
3453.66752601, 4300.96699707, 3926.69827843, 4225.7116859 ,
4681.93987694, 3407.4635466 , 4410.04767445, 4791.33080481,
4490.43014511, 5370.07645809, 4034.54961208, 4871.71327547,
4440.36570677, 4310.87190762, 4083.66094057, 4413.9454902 ,
4359.98323611, 4201.48097974, 4791.33080481, 4400.14276391,
4490.43014511, 4821.64883713, 4410.04767445, 4034.54961208,
4791.33080481, 4341.68691289, 4154.75241468, 4034.54961208,
3407.4635466 , 4334.31065217, 4341.18993993, 4636.84012417,
4410.04767445, 3547.05963162, 4791.33080481, 4359.98323611,
4590.86959667, 3559.24619532, 4391.25437827, 4310.87190762,
4334.31065217, 4521.24515039, 4532.46317935, 4410.04767445,
4133.72537891, 4026.30477762, 3730.52195881, 4260.80746928,
4260.80746928, 4034.54961208, 3604.92375488, 4342.68978082,
4681.70338452, 1360.24235988, 4869.50144999, 4333.56301955,
4681.93987694, 3876.63384009, 4011.18299555, 3984.48517374,
4380.26298756, 4099.51162426, 4214.10784957, 3984.48517374,
4413.9454902 , 4024.33445104, 4310.87190762, 4133.72537891,
3453.66752601, 4224.67318869, 4462.84502288, 4457.28188668,
3562.2547431 , 4413.9454902 , 4681.70338452, 4203.02057397,
4114.93208273, 4341.68691289, 4413.9454902 , 3752.75294734,
4791.33080481, 4452.08070869, 3796.92532361, 3372.11324957,
4537.66435733, 4253.92818151, 4970.8890423 , 4424.6118457 ,
4644.92082575, 3703.91849886, 4225.87302517, 4391.25437827,
3388.96942295, 3453.14110616, 4410.04767445, 4503.29350735])

```

0.4 transfer learning custom architecture

```

[ ]: x_train_data_cmnn = pd.read_csv('train_model_4_transfer_learning.csv')
x_train_data_cmnn.head(3)

```

```

[ ]: Unnamed: 0  index      Image_path Insurance_company  Cost_of_vehicle \
0           0    953  img_453456.jpg                A      53400.0
1           1    618  img_4517650.jpg               AC      25900.0
2           2     81  img_7768013.jpg               RE      42000.0

      Min_coverage  Expiry_date  Max_coverage  year  month  ...  54      55 \
0           1335.0  2028-10-20      46495.68  2028     10  ...  0.0  34805830.0
1           647.5   2026-05-24      6553.00  2026     5   ...  0.0  34911144.0
2           1050.0  2024-05-25      10578.00  2024     5   ...  0.0  21263782.0

```

	56	57	58	59	60	61	62	63
0	0.0	0.0	19414012.0	11607793.0	44543420.0	0.0	0.0	0.0
1	0.0	0.0	19473284.0	11642574.0	44676348.0	0.0	0.0	0.0
2	0.0	0.0	11860002.0	7092322.0	27210998.0	0.0	0.0	0.0

[3 rows x 92 columns]

```
[ ]: test_data_f = pd.read_csv('test_model_4_transfer_learning.csv')
test_data_f.head(3)
```

```
[ ]: Unnamed: 0      Image_path Insurance_company Cost_of_vehicle \
0          0  img_4538519.jpg                B          23600
1          1  img_7766002.jpg                C          28300
2          2  img_4637390.jpg               AC          43700

      Min_coverage Expiry_date  Max_coverage  year  month  month_day  ...  54 \
0          590.0   2025-04-12        5978.0  2025     4         12  ...  0.0
1          707.5   2028-08-24        7153.0  2028     8         24  ...  0.0
2         1092.5   2023-11-28       11003.0  2023    11         28  ...  0.0
```

	55	56	57	58	59	60	61	62	63
0	20480584.0	0.0	0.0	11423308.0	6830993.0	26208806.0	0.0	0.0	0.0
1	19843814.0	0.0	0.0	11063670.0	6621422.5	25388476.0	0.0	0.0	0.0
2	26493766.0	0.0	0.0	14770650.0	8840445.0	33898548.0	0.0	0.0	0.0

[3 rows x 89 columns]

```
[ ]: final_train, final_test_1 = ohe_transform(x_train_data_cmn, test_data_f,
→ 'Insurance_company')
```

```
[ ]: final_train.columns
final_train.drop(['index', 'index.1'], axis=1, inplace=True)
```

```
[ ]: x_train, x_test1, = min_max_scaler(final_train, final_test_1)
```

```
[ ]: y_train = x_train['Amount']
x_train.drop(['Amount'], axis=1, inplace=True)
x_train.head(3)
```

```
[ ]: Cost_of_vehicle  Min_coverage  Max_coverage      year      month  month_day \
0          1.847890        1.847890      5.093557  1.463913  0.914948  0.504673
1         -1.336807       -1.336807     -0.660440  0.519910 -0.486730  0.971938
2          0.527688        0.527688     -0.080614 -0.424093 -0.486730  1.088755

      yr_day  week_day  week_no  lux_seg  ...      AA      AC      B \
0  0.960015  0.531612  0.934888        1  ... -0.310475 -0.304908 -0.343955
1 -0.419247  1.538686 -0.417055        0  ... -0.310475  3.279680 -0.343955
```

```

2 -0.400857  1.035149 -0.417055          0 ... -0.310475 -0.304908 -0.343955

      BB      BC      BQ      C      DA      O      RE
0 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688
1 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688
2 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609  3.325710

```

[3 rows x 96 columns]

```
[ ]: x_test4.head(3)
```

```

[ ]:   Cost_of_vehicle  Min_coverage  Max_coverage   year   month  month_day \
0      -1.603163      -1.603163      -0.743273  0.047909 -0.767066 -0.429857
1      -1.058870      -1.058870      -0.574007  1.463913  0.354277  0.971938
2       0.724560       0.724560      -0.019390 -0.896094  1.195284  1.439203

```

```

      yr_day  week_day  week_no  lux_seg  ...      AA      AC      B \
0 -0.805440  1.035149 -0.803324          0 ... -0.310475 -0.304908  2.907353
1  0.435895  0.028074  0.419862          0 ... -0.310475 -0.304908 -0.343955
2  1.309428 -0.979001  1.321157          0 ... -0.310475  3.279680 -0.343955

```

```

      BB      BC      BQ      C      DA      O      RE
0 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688
1 -0.311857 -0.3077 -0.321422  3.111172 -0.317345 -0.314609 -0.300688
2 -0.311857 -0.3077 -0.321422 -0.321422 -0.317345 -0.314609 -0.300688

```

[3 rows x 96 columns]

```
[ ]: y_train = x_train_data_cmh['Amount']
      #x_train.drop(['Amount'], axis=1, inplace=True)
```

```

[ ]: %%time
from sklearn.ensemble import GradientBoostingRegressor
from sklearn.model_selection import RandomizedSearchCV, GridSearchCV
from tqdm import tqdm

gbr = GradientBoostingRegressor()

params = {
    'learning_rate' : [0.05, 0.075, 0.1, 0.25, 0.5, 0.75, 1],
    'n_estimators' : [10, 20, 50, 100, 200, 250, 500],
    'min_samples_split' : [2,5,10,15],
    'min_samples_leaf' : [2,5,8,10],
    'max_depth' : [3,5,8]
}

```

```

random_reg=GridSearchCV(gbr, param_grid=params, verbose=10, cv = 5, scoring =
    →'neg_root_mean_squared_error', return_train_score = True, n_jobs=-1)
model_rg = random_reg.fit(x_train, y_train)

```

Fitting 5 folds for each of 2352 candidates, totalling 11760 fits

```

[CV 2/5; 1/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2638.935, test=-2379.107)
total time= 0.5s
[CV 4/5; 2/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2504.389, test=-2574.722)
total time= 0.8s
[CV 4/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2418.519, test=-2547.833)
total time= 2.5s
[CV 2/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2151.355, test=-2454.549)
total time= 9.9s
[CV 1/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1615.631, test=-2488.572)
total time= 24.3s
[CV 2/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2149.801, test=-2447.114)
total time= 9.8s
[CV 5/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1957.807, test=-2745.741)
total time= 12.3s
[CV 4/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2504.884, test=-2573.608)
total time= 1.0s
[CV 2/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

```

```

[CV 2/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2458.667, test=-2330.688)
total time= 2.4s
[CV 4/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2419.927, test=-2544.194)
total time= 2.5s
[CV 2/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2346.340, test=-2362.451)
total time= 4.9s
[CV 1/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2114.562, test=-2425.189)
total time= 9.8s
[CV 4/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2059.414, test=-2601.366)
total time= 12.3s
[CV 2/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2638.935, test=-2380.768)
total time= 0.5s
[CV 4/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2541.210, test=-2422.522)
total time= 1.0s
[CV 3/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2464.398, test=-2753.078)
total time= 1.0s
[CV 1/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2441.200, test=-2405.824)
total time= 2.5s

```

```

[CV 4/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2421.462, test=-2542.031)
total time= 2.5s
[CV 2/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2348.948, test=-2366.401)
total time= 4.9s
[CV 1/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2123.993, test=-2412.503)
total time= 9.8s
[CV 4/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-2064.773, test=-2591.913)
total time= 12.3s
[CV 5/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2546.147, test=-2768.368)
total time= 0.5s
[CV 2/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2563.328, test=-2326.978)
total time= 1.0s
[CV 4/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2503.750, test=-2573.475)
total time= 1.0s
[CV 2/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2466.040, test=-2331.730)
total time= 2.5s
[CV 5/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2373.094, test=-2683.945)
total time= 2.5s
[CV 3/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

```

```

min_samples_split=2, n_estimators=100;; score=(train=-2265.293, test=-2761.898)
total time= 5.0s
[CV 1/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 1/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2439.357, test=-2407.483)
total time= 2.5s
[CV 4/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2321.112, test=-2560.543)
total time= 5.0s
[CV 3/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1982.578, test=-2830.257)
total time= 12.4s
[CV 1/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2613.780, test=-2478.676)
total time= 0.5s
[CV 2/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2638.935, test=-2384.518)
total time= 0.5s
[CV 3/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 5/5; 8/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 8/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2537.980, test=-2781.079)

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total time= 0.5s
[CV 1/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2540.713, test=-2421.907)
total time= 1.0s
[CV 2/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2563.912, test=-2328.421)
total time= 1.0s
[CV 4/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2504.389, test=-2574.722)
total time= 0.9s
[CV 1/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2439.357, test=-2407.319)
total time= 2.5s
[CV 4/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2418.546, test=-2547.832)
total time= 2.5s
[CV 2/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2339.972, test=-2376.948)
total time= 4.9s
[CV 1/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2085.469, test=-2430.601)
total time= 9.9s
[CV 4/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-2037.284, test=-2598.798)
total time= 12.4s
[CV 4/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

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[CV 1/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2541.210, test=-2422.510)
total time= 1.0s
[CV 3/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2464.398, test=-2753.078)
total time= 1.0s
[CV 1/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2440.699, test=-2406.548)
total time= 2.4s
[CV 5/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2360.730, test=-2708.423)
total time= 2.4s
[CV 3/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2268.462, test=-2762.046)
total time= 4.8s
[CV 5/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2254.862, test=-2735.814)
total time= 4.9s
[CV 1/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2022.372, test=-2438.700)
total time= 12.2s
[CV 4/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1740.307, test=-2646.924)
total time= 24.7s
[CV 2/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-2113.998, test=-2447.871)
total time= 12.4s
[CV 5/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1672.343, test=-2811.730)
total time= 24.6s

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[CV 3/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=250
 [CV 3/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=250;; score=(train=-2001.933, test=-2815.940)
 total time= 12.2s[CV 4/5; 1/2352] START learning_rate=0.05, max_depth=3,
 min_samples_leaf=2, min_samples_split=2, n_estimators=10
 [CV 4/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
 total time= 0.5s
 [CV 2/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=50
 [CV 2/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=50;; score=(train=-2454.773, test=-2335.755)
 total time= 2.4s
 [CV 5/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=100
 [CV 5/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=100;; score=(train=-2247.780, test=-2724.619)
 total time= 4.9s
 [CV 2/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250
 [CV 2/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250;; score=(train=-2059.107, test=-2483.213)
 total time= 12.3s
 [CV 5/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500
 [CV 5/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500;; score=(train=-1613.027, test=-2796.656)
 total time= 24.5s
 [CV 3/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=250
 [CV 3/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=250;; score=(train=-1995.501, test=-2843.414)
 total time= 12.3s
 [CV 1/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=10
 [CV 1/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=10;; score=(train=-2613.780, test=-2478.597)
 total time= 0.5s
 [CV 2/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=10
 [CV 2/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=10;; score=(train=-2638.935, test=-2380.838)
 total time= 0.5s
 [CV 3/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=10
 [CV 3/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=10;; score=(train=-2540.478, test=-2794.829)

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total time= 0.5s
[CV 5/5; 15/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 15/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2538.352, test=-2781.053)
total time= 0.5s
[CV 2/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2563.912, test=-2329.554)
total time= 1.0s
[CV 5/5; 16/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 16/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2466.592, test=-2730.747)
total time= 1.0s
[CV 3/5; 17/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 17/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2380.173, test=-2737.541)
total time= 2.4s
[CV 1/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2323.471, test=-2411.128)
total time= 4.9s
[CV 4/5; 18/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 18/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2329.718, test=-2551.063)
total time= 4.9s
[CV 3/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2096.783, test=-2810.779)
total time= 9.8s
[CV 1/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1695.134, test=-2486.645)
total time= 24.6s
[CV 2/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2187.162, test=-2428.703)
total time= 9.9s
[CV 5/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 5/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1979.991, test=-2766.392)
total time= 12.3s
[CV 5/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2472.943, test=-2712.767)
total time= 1.0s
[CV 3/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2376.165, test=-2740.643)
total time= 2.5s
[CV 1/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2332.647, test=-2411.230)
total time= 4.9s
[CV 4/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2302.677, test=-2557.800)
total time= 4.9s
[CV 2/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2148.615, test=-2430.622)
total time= 9.8s
[CV 5/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1975.874, test=-2724.761)
total time= 12.3s
[CV 2/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2466.040, test=-2329.808)
total time= 2.5s
[CV 5/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2373.094, test=-2685.052)
total time= 2.5s
[CV 3/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2265.293, test=-2762.618)
total time= 4.9s

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[CV 1/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200[CV 1/5; 1/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 1/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2613.780, test=-2478.640)
total time= 0.5s
[CV 5/5; 2/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2467.323, test=-2729.007)
total time= 1.0s
[CV 3/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2257.269, test=-2765.392)
total time= 4.9s
[CV 1/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1980.913, test=-2448.984)
total time= 12.2s
[CV 4/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1711.430, test=-2655.319)
total time= 24.5s
[CV 2/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-2061.419, test=-2473.514)
total time= 12.3s
[CV 5/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1617.457, test=-2774.858)
total time= 24.4s
[CV 3/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2013.597, test=-2822.338)
total time= 12.4s
[CV 1/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2613.780, test=-2478.676)
total time= 0.5s
[CV 3/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

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[CV 3/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 22/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 22/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2538.352, test=-2781.053)
total time= 0.5s
[CV 2/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2563.912, test=-2327.125)
total time= 1.0s
[CV 4/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2504.884, test=-2573.608)
total time= 1.0s
[CV 2/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2458.492, test=-2331.623)
total time= 2.4s
[CV 5/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2364.971, test=-2703.628)
total time= 2.5s
[CV 3/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2269.984, test=-2760.013)
total time= 4.9s
[CV 5/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2254.633, test=-2732.148)
total time= 4.9s
[CV 1/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-2040.371, test=-2428.464)
total time= 12.1s
[CV 4/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1758.907, test=-2664.956)
total time= 24.4s

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[CV 2/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-2061.900, test=-2452.213)
total time= 12.1s
[CV 5/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1652.551, test=-2771.587)
total time= 24.3s
[CV 3/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-2001.933, test=-2815.790)
total time= 12.2s
[CV 1/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2617.419, test=-2477.496)
total time= 0.5s
[CV 2/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2638.935, test=-2379.107)
total time= 0.5s
[CV 3/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2543.864, test=-2423.045)
total time= 1.0s
[CV 3/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2463.513, test=-2754.253)
total time= 1.0s
[CV 5/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1/2352] START learning_rate=0.05,
max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=10


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[CV 5/5; 1/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2537.980, test=-2781.079)
total time= 0.6s
[CV 3/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2375.480, test=-2738.454)
total time= 2.4s
[CV 1/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2080.294, test=-2437.930)
total time= 9.7s
[CV 4/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-2042.180, test=-2610.753)
total time= 12.3s
[CV 3/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2464.398, test=-2753.078)
total time= 1.0s
[CV 2/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2456.629, test=-2332.780)
total time= 2.4s
[CV 5/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2362.104, test=-2699.542)
total time= 2.4s
[CV 3/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2257.219, test=-2766.339)
total time= 4.9s
[CV 5/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2249.837, test=-2725.814)
total time= 4.9s
[CV 1/5; 13/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 13/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1996.622, test=-2429.086)
total time= 12.1s

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[CV 4/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1687.620, test=-2630.217)
total time= 24.4s
[CV 2/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2094.618, test=-2457.127)
total time= 12.3s
[CV 5/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1634.190, test=-2816.815)
total time= 24.4s
[CV 3/5; 27/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 27/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-2032.359, test=-2811.405)
total time= 12.2s
[CV 1/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2617.419, test=-2477.490)
total time= 0.5s
[CV 2/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2638.935, test=-2379.107)
total time= 0.5s
[CV 3/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 29/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 29/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2543.864, test=-2423.097)
total time= 1.0s
[CV 3/5; 30/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 30/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20;; score=(train=-2463.513, test=-2754.253)
total time= 1.0s
[CV 1/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2448.360, test=-2409.922)
total time= 2.5s
[CV 4/5; 31/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 31/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2417.760, test=-2542.775)
total time= 2.5s
[CV 2/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2341.467, test=-2361.883)
total time= 4.9s
[CV 5/5; 32/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 32/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2259.603, test=-2694.230)
total time= 4.9s
[CV 1/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-2035.751, test=-2436.897)
total time= 12.1s
[CV 4/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1696.376, test=-2675.335)
total time= 24.2s
[CV 2/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-2061.900, test=-2451.044)
total time= 12.2s
[CV 5/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1652.551, test=-2770.321)
total time= 24.3s
[CV 3/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-2001.933, test=-2816.838)
total time= 12.1s[CV 1/5; 33/2352] END learning_rate=0.05, max_depth=3,
min_samples_leaf=5, min_samples_split=2, n_estimators=200;;

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score=(train=-2128.630, test=-2434.612) total time= 9.8s
[CV 4/5; 34/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 34/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-2013.979, test=-2609.663)
total time= 12.2s
[CV 3/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2546.147, test=-2768.368)
total time= 0.5s
[CV 2/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2563.328, test=-2329.470)
total time= 1.0s
[CV 4/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2503.750, test=-2573.475)
total time= 1.0s
[CV 1/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2448.360, test=-2410.182)
total time= 2.5s
[CV 4/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2417.760, test=-2542.524)
total time= 2.4s
[CV 2/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2341.467, test=-2362.115)
total time= 4.9s
[CV 5/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2259.603, test=-2694.556)
total time= 5.0s
[CV 1/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

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[CV 1/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-2035.751, test=-2436.319)
total time= 12.2s
[CV 4/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1696.376, test=-2674.552)
total time= 24.4s
[CV 2/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-2061.900, test=-2448.901)
total time= 12.2s
[CV 5/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1652.551, test=-2767.215)
total time= 24.3s
[CV 3/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1996.108, test=-2807.570)
total time= 12.2s
[CV 1/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2618.954, test=-2477.591)
total time= 0.5s
[CV 2/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2639.772, test=-2384.952)
total time= 0.5s
[CV 3/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2548.331, test=-2766.108)
total time= 0.5s
[CV 2/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2564.954, test=-2336.536)
total time= 1.0s

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[CV 4/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2504.658, test=-2573.183)
total time= 1.0s
[CV 2/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2465.300, test=-2332.118)
total time= 2.4s
[CV 5/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2381.919, test=-2684.802)
total time= 2.4s
[CV 3/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2262.828, test=-2761.004)
total time= 4.8s
[CV 1/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2166.707, test=-2412.827)
total time= 9.7s
[CV 4/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2060.686, test=-2597.706)
total time= 12.2s
[CV 1/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2618.954, test=-2477.636)
total time= 0.5s
[CV 3/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2548.331, test=-2766.108)
total time= 0.5s[CV 3/5; 2/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2464.398, test=-2753.078)

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total time= 1.0s
[CV 1/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2308.484, test=-2414.862)
total time= 4.9s
[CV 4/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2133.768, test=-2590.992)
total time= 9.9s
[CV 2/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1710.543, test=-2600.151)
total time= 24.6s
[CV 4/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2131.210, test=-2591.942)
total time= 9.8s
[CV 2/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1696.010, test=-2574.373)
total time= 24.4s
[CV 4/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2147.562, test=-2573.310)
total time= 9.9s
[CV 2/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1765.859, test=-2536.648)
total time= 24.8s
[CV 4/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2148.891, test=-2581.915)
total time= 9.8s
[CV 1/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1729.988, test=-2431.677)
total time= 24.6s
[CV 3/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

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[CV 3/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2079.700, test=-2794.629)
total time= 9.8s
[CV 1/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1724.223, test=-2457.047)
total time= 24.4s
[CV 2/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2148.615, test=-2429.158)
total time= 9.8s
[CV 5/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1975.874, test=-2724.980)
total time= 12.3s
[CV 1/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2448.360, test=-2410.028)
total time= 2.4s
[CV 4/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2417.760, test=-2542.775)
total time= 2.4s
[CV 2/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2341.467, test=-2363.116)
total time= 5.0s
[CV 5/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2259.603, test=-2693.493)
total time= 5.1s
[CV 1/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-2035.751, test=-2435.540)
total time= 12.3s
[CV 4/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1696.376, test=-2676.093)
total time= 24.7s

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[CV 2/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250
 [CV 2/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250;; score=(train=-2088.374, test=-2442.618)
 total time= 12.4s
 [CV 5/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=500
 [CV 5/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=500;; score=(train=-1687.233, test=-2766.136)
 total time= 24.6s
 [CV 3/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250
 [CV 3/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250;; score=(train=-2001.165, test=-2807.968)
 total time= 12.3s
 [CV 2/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10
 [CV 2/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10;; score=(train=-2639.772, test=-2384.952)
 total time= 0.5s
 [CV 4/5; 64/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10
 [CV 4/5; 64/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10;; score=(train=-2579.727, test=-2625.766)
 total time= 0.5s
 [CV 1/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=20
 [CV 1/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=20;; score=(train=-2547.895, test=-2420.502)
 total time= 1.0s
 [CV 4/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=20
 [CV 4/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=20;; score=(train=-2504.658, test=-2573.183)
 total time= 1.0s
 [CV 2/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=50
 [CV 2/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=50;; score=(train=-2465.300, test=-2331.844)
 total time= 2.5s
 [CV 5/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=50
 [CV 2/5; 2/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=20
 [CV 2/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=20;; score=(train=-2563.912, test=-2325.075)
 total time= 1.0s
 [CV 5/5; 3/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
 min_samples_split=2, n_estimators=50

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[CV 5/5; 3/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2362.104, test=-2700.122)
total time= 2.5s
[CV 3/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2075.880, test=-2815.569)
total time= 9.8s
[CV 5/5; 6/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 6/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1965.128, test=-2746.796)
total time= 12.3s
[CV 5/5; 9/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 9/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2467.323, test=-2729.007)
total time= 1.0s
[CV 3/5; 10/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 10/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2373.907, test=-2737.842)
total time= 2.4s
[CV 1/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2308.740, test=-2420.632)
total time= 4.9s
[CV 4/5; 11/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 11/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2316.462, test=-2571.019)
total time= 4.9s
[CV 3/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2081.805, test=-2814.680)
total time= 9.8s
[CV 1/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1647.163, test=-2493.712)
total time= 24.4s
[CV 2/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2168.873, test=-2435.309)
total time= 9.9s

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[CV 5/5; 20/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 20/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1967.480, test=-2760.824)
total time= 12.6s
[CV 5/5; 23/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 23/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2467.772, test=-2731.718)
total time= 1.0s
[CV 3/5; 24/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 24/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2381.212, test=-2730.859)
total time= 2.5s
[CV 1/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2335.238, test=-2413.792)
total time= 5.0s
[CV 4/5; 25/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 25/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2325.225, test=-2554.091)
total time= 5.0s
[CV 3/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2109.105, test=-2798.626)
total time= 9.9s
[CV 2/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1797.309, test=-2525.634)
total time= 24.9s
[CV 4/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2095.102, test=-2595.361)
total time= 9.9s
[CV 2/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1715.549, test=-2531.273)
total time= 24.6s
[CV 3/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200;; score=(train=-2079.700, test=-2793.996)
total time= 9.9s
[CV 2/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1715.549, test=-2530.421)
total time= 24.7s
[CV 3/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2079.700, test=-2794.488)
total time= 9.9s
[CV 1/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1724.223, test=-2455.729)
total time= 24.6s
[CV 4/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2112.145, test=-2587.055)
total time= 9.8s
[CV 2/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1755.803, test=-2531.979)
total time= 24.4s
[CV 3/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2092.828, test=-2795.726)
total time= 9.8s
[CV 1/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1762.546, test=-2456.988)
total time= 24.5s
[CV 2/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2617.419, test=-2477.496)
total time= 0.5s
[CV 2/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2638.935, test=-2380.768)

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total time= 0.5s
[CV 4/5; 36/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 36/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2543.864, test=-2423.094)
total time= 1.0s
[CV 3/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2463.513, test=-2754.253)
total time= 1.0s
[CV 5/5; 37/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 37/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2472.943, test=-2712.767)
total time= 1.0s
[CV 3/5; 38/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 38/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2376.165, test=-2740.643)
total time= 2.5s
[CV 1/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2332.647, test=-2410.911)
total time= 4.9s
[CV 4/5; 39/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 39/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2302.677, test=-2558.453)
total time= 4.9s
[CV 4/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2095.102, test=-2595.166)
total time= 9.6s
[CV 1/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1724.223, test=-2455.717)
total time= 24.5s
[CV 2/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

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[CV 2/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2148.615, test=-2426.652)
total time= 9.9s
[CV 5/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1975.874, test=-2725.505)
total time= 12.4s
[CV 2/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2466.013, test=-2329.677)
total time= 2.5s
[CV 5/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2377.853, test=-2682.268)
total time= 2.5s
[CV 3/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2269.295, test=-2767.107)
total time= 4.9s
[CV 1/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2145.730, test=-2433.667)
total time= 9.8s
[CV 4/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2025.816, test=-2602.258)
total time= 12.2s
[CV 4/5; 57/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 57/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2579.727, test=-2625.766)
total time= 0.5s
[CV 1/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2547.895, test=-2420.233)
total time= 1.0s
[CV 3/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2467.518, test=-2751.892)
total time= 1.0s

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[CV 1/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2459.500, test=-2407.482)
total time= 2.4s
[CV 4/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2421.544, test=-2544.289)
total time= 2.4s
[CV 2/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2352.293, test=-2356.771)
total time= 4.9s
[CV 5/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2277.084, test=-2694.578)
total time= 4.9s
[CV 1/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2080.979, test=-2415.044)
total time= 12.2s
[CV 4/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1772.207, test=-2641.062)
total time= 24.5s
[CV 2/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2088.409, test=-2427.764)
total time= 12.4s
[CV 5/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2128.630, test=-2435.273)
total time= 9.8s
[CV 4/5; 41/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 41/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-2013.979, test=-2609.514)
total time= 12.2s
[CV 5/5; 43/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 43/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10;; score=(train=-2546.147, test=-2768.368)
total time= 0.5s
[CV 2/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2563.328, test=-2326.425)
total time= 1.0s
[CV 4/5; 44/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2503.750, test=-2573.475)
total time= 1.0s
[CV 2/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2466.040, test=-2331.093)
total time= 2.5s
[CV 5/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2373.094, test=-2684.984)
total time= 2.5s
[CV 3/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2265.293, test=-2762.545)
total time= 4.8s
[CV 1/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2128.630, test=-2436.336)
total time= 9.7s
[CV 4/5; 48/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 48/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-2013.979, test=-2609.133)
total time= 12.1s
[CV 5/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2546.147, test=-2768.368)
total time= 0.5s
[CV 2/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2563.328, test=-2332.011)
total time= 1.0s
[CV 4/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20
[CV 4/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2503.750, test=-2573.475)
total time= 1.0s
[CV 1/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2448.360, test=-2409.982)
total time= 2.5s
[CV 4/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2418.395, test=-2544.989)
total time= 2.4s
[CV 2/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2348.021, test=-2358.614)
total time= 4.9s
[CV 5/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2271.230, test=-2683.242)
total time= 4.9s
[CV 1/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2066.382, test=-2437.419)
total time= 12.1s
[CV 4/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1706.490, test=-2652.330)
total time= 24.2s
[CV 2/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2088.409, test=-2429.102)
total time= 12.1s
[CV 5/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1702.240, test=-2766.663)
total time= 24.2s
[CV 3/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2015.432, test=-2818.515)

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total time= 12.2s
[CV 1/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2618.954, test=-2477.523)
total time= 0.5s
[CV 2/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2639.772, test=-2384.952)
total time= 0.5s
[CV 3/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2579.727, test=-2625.766)
total time= 0.5s
[CV 5/5; 71/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 71/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2548.331, test=-2766.108)
total time= 0.5s
[CV 2/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2564.954, test=-2336.536)
total time= 1.0s
[CV 4/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2504.658, test=-2573.183)
total time= 1.0s
[CV 1/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2617.419, test=-2477.546)
total time= 0.5s
[CV 2/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2638.935, test=-2384.518)
total time= 0.5s
[CV 3/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

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[CV 3/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 50/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 50/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2579.385, test=-2625.933)
total time= 0.5s
[CV 1/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2543.864, test=-2423.171)
total time= 1.0s
[CV 3/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2463.513, test=-2754.253)
total time= 1.0s
[CV 5/5; 51/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 51/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2474.380, test=-2712.275)
total time= 1.0s
[CV 3/5; 52/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 52/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2377.153, test=-2741.231)
total time= 2.4s
[CV 1/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2335.403, test=-2408.802)
total time= 4.9s
[CV 4/5; 53/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 53/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2302.707, test=-2550.410)
total time= 4.9s
[CV 3/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2084.636, test=-2790.912)
total time= 9.8s
[CV 1/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1753.892, test=-2447.331)
total time= 24.2s

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[CV 2/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2168.887, test=-2405.671)
total time= 9.7s
[CV 5/5; 62/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 62/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1994.078, test=-2713.985)
total time= 12.2s
[CV 3/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2467.518, test=-2751.892)
total time= 1.0s
[CV 1/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2459.500, test=-2407.641)
total time= 2.4s
[CV 4/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2421.544, test=-2544.289)
total time= 2.5s
[CV 2/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2352.293, test=-2354.836)
total time= 4.9s
[CV 5/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2279.351, test=-2697.187)
total time= 4.9s
[CV 1/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2080.979, test=-2414.405)
total time= 12.2s
[CV 4/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1772.207, test=-2638.216)
total time= 24.5s
[CV 2/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-2088.409, test=-2429.001)
total time= 12.3s
[CV 5/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1696.115, test=-2754.005)
total time= 24.4s
[CV 3/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2015.432, test=-2817.352)
total time= 12.2s
[CV 1/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2620.362, test=-2478.942)
total time= 0.5s
[CV 2/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2640.652, test=-2384.636)
total time= 0.5s
[CV 4/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2580.683, test=-2626.561)
total time= 0.5s
[CV 1/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2549.141, test=-2422.443)
total time= 1.0s
[CV 4/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 44/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2472.943, test=-2712.767)
total time= 1.0s
[CV 3/5; 45/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 45/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2376.165, test=-2740.643)
total time= 2.4s
[CV 1/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2332.647, test=-2412.017)
total time= 5.0s
[CV 4/5; 46/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 4/5; 46/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2302.677, test=-2559.014)
total time= 4.9s
[CV 4/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2095.102, test=-2594.559)
total time= 9.7s
[CV 2/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1715.549, test=-2533.549)
total time= 24.3s
[CV 2/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2175.074, test=-2420.930)
total time= 9.8s
[CV 5/5; 55/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 55/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1999.010, test=-2720.969)
total time= 12.2s
[CV 5/5; 58/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 58/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2477.035, test=-2708.447)
total time= 1.0s
[CV 3/5; 59/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 59/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2382.128, test=-2733.241)
total time= 2.4s
[CV 1/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2353.559, test=-2413.896)
total time= 4.8s
[CV 4/5; 60/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 60/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2315.776, test=-2549.635)
total time= 4.9s
[CV 4/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2130.909, test=-2587.145)

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total time= 9.7s
[CV 2/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1779.946, test=-2526.493)
total time= 24.2s
[CV 3/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2092.828, test=-2796.361)
total time= 9.8s
[CV 1/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1762.546, test=-2455.813)
total time= 24.3s
[CV 2/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2168.887, test=-2405.827)
total time= 9.8s
[CV 5/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1994.078, test=-2714.454)
total time= 12.2s
[CV 4/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2504.658, test=-2573.183)
total time= 1.0s
[CV 2/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2465.300, test=-2333.273)
total time= 2.4s
[CV 5/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2381.919, test=-2685.110)
total time= 2.5s
[CV 3/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2262.554, test=-2758.105)
total time= 4.9s
[CV 1/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

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[CV 1/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2166.707, test=-2413.025)
total time= 9.8s
[CV 4/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2060.686, test=-2597.946)
total time= 12.2s
[CV 3/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 85/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 85/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2548.741, test=-2763.676)
total time= 0.5s
[CV 2/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2565.571, test=-2329.825)
total time= 1.0s
[CV 5/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2474.089, test=-2705.014)
total time= 1.0s
[CV 3/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2385.390, test=-2732.759)
total time= 2.4s[CV 1/5; 2/2352] START learning_rate=0.05, max_depth=3,
min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 1/5; 2/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2540.713, test=-2422.357)
total time= 1.1s
[CV 2/5; 4/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 4/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2341.592, test=-2375.526)
total time= 4.9s
[CV 5/5; 5/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 5/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2047.414, test=-2753.143)
total time= 9.9s
[CV 3/5; 7/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500
[CV 3/5; 7/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1655.635, test=-2925.588)
total time= 24.5s
[CV 5/5; 12/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 12/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2049.759, test=-2752.671)
total time= 9.8s
[CV 3/5; 14/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 14/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1654.700, test=-2935.761)
total time= 24.6s
[CV 5/5; 19/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 19/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2053.525, test=-2756.520)
total time= 10.0s
[CV 3/5; 21/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 21/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1689.307, test=-2905.200)
total time= 25.0s
[CV 5/5; 26/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 26/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2059.325, test=-2755.961)
total time= 9.9s
[CV 3/5; 28/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 28/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1723.958, test=-2903.784)
total time= 24.9s
[CV 5/5; 33/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 33/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2072.046, test=-2721.158)
total time= 9.9s
[CV 3/5; 35/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 35/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1703.150, test=-2889.540)
total time= 24.7s
[CV 5/5; 40/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 40/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2072.046, test=-2716.718)

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total time= 9.9s
[CV 3/5; 42/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 42/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1703.150, test=-2890.702)
total time= 24.6s
[CV 5/5; 47/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 47/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2072.046, test=-2721.818)
total time= 9.9s
[CV 3/5; 49/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 49/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1703.150, test=-2892.118)
total time= 24.7s
[CV 5/5; 54/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 54/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-2088.063, test=-2711.462)
total time= 10.0s
[CV 3/5; 56/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 56/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1721.673, test=-2875.333)
total time= 24.7s
[CV 5/5; 61/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 61/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2084.827, test=-2712.175)
total time= 9.9s
[CV 3/5; 63/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 63/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1711.356, test=-2883.865)
total time= 24.7s
[CV 5/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2075.400, test=-2716.043)
total time= 9.9s
[CV 3/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1712.133, test=-2896.322)
total time= 24.6s
[CV 5/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 5/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2084.827, test=-2712.475)
total time= 9.8s
[CV 3/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1712.133, test=-2895.203)
total time= 24.5s
[CV 5/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2078.716, test=-2716.332)
total time= 9.8s
[CV 3/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1712.133, test=-2896.470)
total time= 24.5s
[CV 4/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2136.667, test=-2589.814)
total time= 9.7s
[CV 2/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1792.798, test=-2557.465)
total time= 24.1s
[CV 3/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2381.919, test=-2684.801)
total time= 2.5s
[CV 3/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2262.828, test=-2761.064)
total time= 5.0s
[CV 1/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2166.707, test=-2412.619)
total time= 10.0s
[CV 4/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2060.686, test=-2597.501)
total time= 12.2s

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[CV 1/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2547.895, test=-2420.250)
total time= 1.0s
[CV 5/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2477.035, test=-2708.604)
total time= 1.0s
[CV 3/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2382.386, test=-2734.184)
total time= 2.4s
[CV 1/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2353.559, test=-2413.405)
total time= 4.9s
[CV 4/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2315.776, test=-2551.007)
total time= 4.9s
[CV 3/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2080.728, test=-2788.354)
total time= 9.8s
[CV 1/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1762.546, test=-2456.342)
total time= 24.3s
[CV 2/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2168.887, test=-2406.846)
total time= 9.7s
[CV 5/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1994.078, test=-2715.340)
total time= 12.2s
[CV 3/5; 86/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-2467.746, test=-2751.290)
total time= 1.0s
[CV 1/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2460.511, test=-2404.547)
total time= 2.4s
[CV 4/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2420.004, test=-2543.400)
total time= 2.4s
[CV 2/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2356.887, test=-2370.901)
total time= 4.9s
[CV 5/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2282.339, test=-2689.314)
total time= 5.0s
[CV 1/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2093.353, test=-2440.407)
total time= 12.3s
[CV 4/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1781.017, test=-2636.957)
total time= 24.5s
[CV 2/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2094.404, test=-2454.629)
total time= 12.2s
[CV 5/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1748.778, test=-2755.701)
total time= 24.5s
[CV 3/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2022.757, test=-2790.203)
total time= 12.3s
[CV 1/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10
[CV 1/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2620.362, test=-2478.938)
total time= 0.5s
[CV 4/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2580.683, test=-2626.561)
total time= 0.5s
[CV 1/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2549.141, test=-2422.407)
total time= 1.0s
[CV 4/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2505.301, test=-2574.413)
total time= 1.0s
[CV 2/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2472.633, test=-2336.333)
total time= 2.5s
[CV 5/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2381.391, test=-2678.100)
total time= 2.4s
[CV 5/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1703.839, test=-2759.100)
total time= 24.4s
[CV 3/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2015.432, test=-2818.126)
total time= 12.2s
[CV 1/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2618.954, test=-2477.591)
total time= 0.5s
[CV 2/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2639.772, test=-2382.881)
total time= 0.5s
[CV 4/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=10
[CV 4/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2579.727, test=-2625.766)
total time= 0.5s
[CV 1/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2547.895, test=-2420.294)
total time= 1.0s
[CV 3/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2467.518, test=-2751.892)
total time= 1.0s
[CV 1/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2459.500, test=-2408.243)
total time= 2.4s
[CV 4/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2421.544, test=-2544.289)
total time= 2.3s
[CV 2/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2352.293, test=-2358.203)
total time= 4.8s
[CV 5/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2277.084, test=-2692.974)
total time= 4.9s
[CV 1/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2080.979, test=-2413.971)
total time= 12.0s
[CV 4/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1772.207, test=-2641.400)
total time= 24.4s
[CV 2/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2094.404, test=-2456.100)

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total time= 12.2s
[CV 5/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1748.778, test=-2755.343)
total time= 24.3s
[CV 3/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2021.652, test=-2789.640)
total time= 12.1s
[CV 1/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2620.362, test=-2479.038)
total time= 0.5s
[CV 2/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2640.652, test=-2382.642)
total time= 0.5s
[CV 3/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 4/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2580.683, test=-2626.561)
total time= 0.5s
[CV 1/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2549.141, test=-2422.607)
total time= 1.0s
[CV 3/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2467.746, test=-2751.290)
total time= 1.0s
[CV 1/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2460.511, test=-2404.302)
total time= 2.4s
[CV 4/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

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[CV 4/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2420.004, test=-2543.400)
total time= 2.4s

[CV 2/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 2/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2356.887, test=-2369.988)
total time= 4.9s

[CV 5/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 5/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2282.339, test=-2688.623)
total time= 4.9s

[CV 1/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2093.353, test=-2440.139)
total time= 12.2s

[CV 4/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1781.017, test=-2638.212)
total time= 24.2s

[CV 2/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2094.404, test=-2455.288)
total time= 12.2s

[CV 2/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 2/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2564.954, test=-2330.586)
total time= 1.0s

[CV 5/5; 65/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 5/5; 65/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2477.035, test=-2708.447)
total time= 1.0s

[CV 3/5; 66/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 3/5; 66/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2382.128, test=-2733.241)
total time= 2.4s

[CV 1/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 1/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2353.559, test=-2414.252)
total time= 4.9s

[CV 4/5; 67/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 67/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2315.776, test=-2550.691)
total time= 4.9s
[CV 4/5; 68/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2130.909, test=-2585.465)
total time= 9.8s
[CV 2/5; 70/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 70/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1779.946, test=-2522.875)
total time= 24.1s
[CV 4/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2130.909, test=-2586.888)
total time= 9.8s
[CV 2/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1779.946, test=-2526.520)
total time= 24.4s
[CV 3/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2092.828, test=-2796.062)
total time= 9.8s
[CV 1/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1762.546, test=-2455.767)
total time= 24.5s
[CV 2/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2156.595, test=-2432.064)
total time= 9.8s
[CV 5/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2038.345, test=-2718.384)
total time= 12.2s
[CV 3/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20;; score=(train=-2467.746, test=-2751.290)
total time= 1.0s
[CV 1/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2460.511, test=-2404.369)
total time= 2.4s
[CV 4/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2420.004, test=-2543.653)
total time= 2.5s
[CV 2/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2356.887, test=-2367.117)
total time= 4.9s
[CV 5/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2282.339, test=-2689.773)
total time= 4.9s
[CV 1/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2093.353, test=-2439.697)
total time= 12.3s
[CV 4/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1783.036, test=-2630.620)
total time= 24.4s
[CV 2/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2094.404, test=-2452.128)
total time= 12.3s
[CV 5/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1748.778, test=-2755.323)
total time= 24.5s
[CV 3/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2021.652, test=-2789.886)
total time= 12.3s
[CV 1/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10
[CV 1/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2557.013, test=-2478.326)
total time= 0.8s
[CV 3/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2485.177, test=-2798.328)
total time= 0.8s
[CV 5/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2488.837, test=-2802.191)
total time= 0.8s
[CV 3/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2370.884, test=-2754.377)
total time= 1.5s
[CV 1/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2206.818, test=-2410.820)
total time= 3.8s
[CV 4/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2465.300, test=-2332.161)
total time= 2.4s
[CV 5/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2381.919, test=-2684.956)
total time= 2.5s
[CV 3/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2262.554, test=-2758.233)
total time= 4.9s
[CV 1/5; 75/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 75/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2166.707, test=-2414.846)
total time= 9.8s
[CV 4/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 4/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2060.686, test=-2598.933)
total time= 12.2s
[CV 3/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 78/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 78/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2548.331, test=-2766.108)
total time= 0.5s
[CV 2/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2564.954, test=-2336.536)
total time= 1.0s
[CV 5/5; 79/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 79/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2477.035, test=-2708.447)
total time= 1.0s
[CV 3/5; 80/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 80/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2382.386, test=-2734.214)
total time= 2.4s
[CV 1/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2353.559, test=-2414.681)
total time= 4.9s
[CV 4/5; 81/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 81/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2315.776, test=-2551.308)
total time= 4.9s
[CV 4/5; 82/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 82/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2130.909, test=-2586.630)
total time= 9.8s
[CV 2/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1779.946, test=-2526.575)
total time= 24.5s

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[CV 3/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2097.934, test=-2776.600)
total time= 9.8s
[CV 1/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1773.846, test=-2474.779)
total time= 24.3s
[CV 2/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2156.595, test=-2430.768)
total time= 9.8s
[CV 1/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1773.846, test=-2473.373)
total time= 24.3s
[CV 2/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2156.595, test=-2432.176)
total time= 9.8s
[CV 5/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2038.345, test=-2717.587)
total time= 12.3s
[CV 3/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2467.746, test=-2751.290)
total time= 1.0s
[CV 1/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2460.511, test=-2404.297)
total time= 2.5s
[CV 4/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2420.004, test=-2543.399)
total time= 2.4s
[CV 2/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100;; score=(train=-2356.887, test=-2372.854)
total time= 4.9s
[CV 5/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2282.339, test=-2689.390)
total time= 4.9s
[CV 1/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2093.353, test=-2440.270)
total time= 12.2s
[CV 4/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1783.036, test=-2629.485)
total time= 24.4s
[CV 4/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1497.260, test=-2638.056)
total time= 15.8s
[CV 2/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 68/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2168.887, test=-2401.342)
total time= 9.4s
[CV 5/5; 69/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 69/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2004.234, test=-2721.963)
total time= 12.2s
[CV 3/5; 72/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 72/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2467.518, test=-2751.892)
total time= 1.0s
[CV 1/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2459.500, test=-2408.545)
total time= 2.4s
[CV 4/5; 73/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 73/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2421.544, test=-2544.289)
total time= 2.4s
[CV 2/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=100
[CV 2/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2352.293, test=-2354.180)
total time= 4.9s
[CV 5/5; 74/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 74/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2277.084, test=-2693.129)
total time= 4.9s
[CV 1/5; 76/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 76/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2080.979, test=-2415.571)
total time= 12.2s
[CV 4/5; 77/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 77/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1772.207, test=-2641.205)
total time= 24.4s
[CV 2/5; 83/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 83/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2088.409, test=-2428.259)
total time= 12.2s
[CV 5/5; 84/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 84/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1702.240, test=-2767.815)
total time= 24.2s
[CV 3/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-2022.757, test=-2789.957)
total time= 12.2s
[CV 1/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2620.362, test=-2478.938)
total time= 0.5s
[CV 2/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2640.652, test=-2382.642)
total time= 0.5s
[CV 3/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2540.478, test=-2794.829)

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total time= 0.5s
[CV 5/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2548.741, test=-2763.676)
total time= 0.5s
[CV 2/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2565.571, test=-2331.459)
total time= 1.0s
[CV 5/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2474.089, test=-2704.876)
total time= 1.0s
[CV 3/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2385.390, test=-2732.759)
total time= 2.4s
[CV 1/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2349.083, test=-2418.612)
total time= 5.0s
[CV 4/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2322.759, test=-2547.424)
total time= 4.9s
[CV 5/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2109.708, test=-2715.074)
total time= 9.8s
[CV 3/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1736.519, test=-2841.293)
total time= 24.5s
[CV 4/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2133.531, test=-2584.404)
total time= 9.8s
[CV 2/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

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[CV 2/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1792.798, test=-2549.237)
total time= 24.4s
[CV 3/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2097.934, test=-2776.106)
total time= 9.8s
[CV 1/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1773.846, test=-2472.955)
total time= 24.2s
[CV 4/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1967.216, test=-2584.461)
total time= 7.9s
[CV 2/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1396.918, test=-2559.957)
total time= 19.9s
[CV 3/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2097.934, test=-2776.400)
total time= 9.6s
[CV 5/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2038.345, test=-2717.510)
total time= 12.1s
[CV 4/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2505.301, test=-2574.413)
total time= 1.0s
[CV 2/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2472.633, test=-2331.047)
total time= 2.4s
[CV 5/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2381.391, test=-2678.238)
total time= 2.4s
[CV 3/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 3/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2272.452, test=-2756.053)
total time= 4.8s
[CV 1/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2171.071, test=-2432.341)
total time= 9.6s
[CV 4/5; 104/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 104/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-2066.052, test=-2591.719)
total time= 12.1s
[CV 2/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2640.652, test=-2384.636)
total time= 0.5s
[CV 3/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2540.478, test=-2794.829)
total time= 0.5s
[CV 5/5; 106/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 106/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2548.741, test=-2763.676)
total time= 0.5s
[CV 2/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2565.571, test=-2331.353)
total time= 1.0s
[CV 5/5; 107/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 107/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2474.089, test=-2704.876)
total time= 1.0s
[CV 3/5; 108/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 108/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2385.390, test=-2732.759)
total time= 2.4s
[CV 1/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2349.083, test=-2419.158)
total time= 4.8s

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[CV 4/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=100
 [CV 4/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=100;; score=(train=-2322.759, test=-2546.935)
 total time= 4.8s
 [CV 5/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=200
 [CV 5/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=200;; score=(train=-2109.708, test=-2715.653)
 total time= 9.7s
 [CV 2/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=500
 [CV 2/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
 min_samples_split=15, n_estimators=500;; score=(train=-1792.798, test=-2552.870)
 total time= 24.4s
 [CV 5/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=100
 [CV 5/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=100;; score=(train=-1840.530, test=-2791.194)
 total time= 7.8s
 [CV 3/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250
 [CV 3/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=250;; score=(train=-1248.205, test=-2889.815)
 total time= 19.5s
 [CV 1/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10
 [CV 1/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10;; score=(train=-2557.271, test=-2478.500)
 total time= 0.8s
 [CV 2/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10
 [CV 2/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10;; score=(train=-2577.585, test=-2385.206)
 total time= 0.8s
 [CV 3/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10
 [CV 3/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10;; score=(train=-2485.376, test=-2798.402)
 total time= 0.8s
 [CV 4/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10
 [CV 4/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10;; score=(train=-2533.967, test=-2605.936)
 total time= 0.8s
 [CV 5/5; 120/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=10
 [CV 5/5; 120/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=10;; score=(train=-2488.837, test=-2801.621)
total time= 0.8s
[CV 1/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2433.896, test=-2425.054)
total time= 1.5s
[CV 2/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2452.511, test=-2349.960)
total time= 1.5s
[CV 3/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2371.079, test=-2754.118)
total time= 1.5s
[CV 5/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2386.895, test=-2755.989)
total time= 1.6s
[CV 4/5; 86/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2505.301, test=-2574.413)
total time= 1.0s
[CV 2/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2472.633, test=-2332.597)
total time= 2.4s
[CV 5/5; 87/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 87/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2381.391, test=-2678.357)
total time= 2.5s
[CV 3/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2276.396, test=-2752.431)
total time= 4.9s
[CV 1/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2171.071, test=-2430.942)
total time= 9.9s
[CV 4/5; 90/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 90/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250;; score=(train=-2066.052, test=-2591.975)
total time= 12.3s
[CV 4/5; 92/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 92/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2580.683, test=-2626.561)
total time= 0.5s
[CV 1/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2549.141, test=-2422.548)
total time= 1.0s
[CV 4/5; 93/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 93/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2505.301, test=-2574.413)
total time= 1.0s
[CV 2/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2472.633, test=-2332.113)
total time= 2.5s
[CV 5/5; 94/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 94/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2381.391, test=-2678.246)
total time= 2.5s
[CV 3/5; 95/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 95/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2276.396, test=-2752.379)
total time= 4.9s
[CV 1/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2171.071, test=-2431.811)
total time= 9.8s
[CV 4/5; 97/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 97/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-2067.774, test=-2601.798)
total time= 12.3s
[CV 5/5; 99/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 99/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2548.741, test=-2763.676)
total time= 0.5s
[CV 2/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20
[CV 2/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2565.571, test=-2332.209)
total time= 1.0s
[CV 5/5; 100/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 100/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2474.089, test=-2704.876)
total time= 1.0s
[CV 3/5; 101/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 101/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2385.390, test=-2732.387)
total time= 2.4s
[CV 1/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2349.083, test=-2417.946)
total time= 4.9s
[CV 4/5; 102/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 102/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2322.760, test=-2545.246)
total time= 5.0s
[CV 5/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2109.708, test=-2715.394)
total time= 9.9s
[CV 3/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1740.460, test=-2856.193)
total time= 24.6s
[CV 4/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2136.667, test=-2587.877)
total time= 9.8s
[CV 3/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1736.519, test=-2841.492)
total time= 24.5s
[CV 1/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1464.566, test=-2479.563)

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total time= 15.8s
[CV 4/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1279.838, test=-2670.472)
total time= 19.7s
[CV 4/5; 121/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 121/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2429.055, test=-2554.797)
total time= 1.6s
[CV 2/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2227.254, test=-2378.439)
total time= 3.9s
[CV 5/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2143.488, test=-2776.787)
total time= 3.9s
[CV 3/5; 109/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 109/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2272.452, test=-2755.922)
total time= 4.9s
[CV 1/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2171.071, test=-2431.211)
total time= 9.8s
[CV 4/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2066.052, test=-2593.700)
total time= 12.0s
[CV 2/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2577.440, test=-2389.329)
total time= 0.8s
[CV 4/5; 113/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 113/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2533.967, test=-2605.936)
total time= 0.8s
[CV 2/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 2/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2452.330, test=-2349.976)
total time= 1.5s
[CV 5/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2386.557, test=-2755.238)
total time= 1.6s
[CV 3/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2154.087, test=-2733.102)
total time= 3.8s
[CV 1/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1917.554, test=-2443.365)
total time= 7.8s
[CV 2/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1575.003, test=-2532.311)
total time= 16.2s
[CV 5/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1234.277, test=-2809.802)
total time= 19.4s
[CV 1/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2210.468, test=-2413.975)
total time= 3.9s
[CV 4/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2215.006, test=-2534.579)
total time= 3.9s
[CV 2/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1996.074, test=-2454.743)
total time= 7.8s
[CV 5/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1867.281, test=-2800.963)
total time= 7.8s

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[CV 1/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1302.444, test=-2481.112)
total time= 19.4s
[CV 4/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-707.278, test=-2701.703)
total time= 38.9s
[CV 2/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1499.117, test=-2531.076)
total time= 20.1s
[CV 5/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-816.469, test=-2874.543)
total time= 39.2s
[CV 3/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1439.509, test=-2849.517)
total time= 19.6s
[CV 1/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2565.333, test=-2480.680)
total time= 0.8s
[CV 2/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2586.947, test=-2380.788)
total time= 0.8s
[CV 4/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2537.957, test=-2617.458)
total time= 0.8s
[CV 1/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2449.988, test=-2432.974)
total time= 1.5s
[CV 3/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20;; score=(train=-2374.599, test=-2745.689)
total time= 1.5s
[CV 1/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2258.335, test=-2421.499)
total time= 3.9s
[CV 5/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2167.303, test=-2701.053)
total time= 3.9s
[CV 3/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1918.599, test=-2768.772)
total time= 7.7s
[CV 1/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 122/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 122/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2154.742, test=-2734.976)
total time= 3.7s
[CV 1/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1937.761, test=-2422.545)
total time= 7.8s
[CV 4/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1963.119, test=-2574.052)
total time= 7.9s
[CV 2/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1598.270, test=-2539.755)
total time= 15.8s
[CV 5/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1274.371, test=-2855.897)
total time= 19.4s
[CV 2/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2233.504, test=-2371.317)

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total time= 3.8s
[CV 5/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2168.227, test=-2761.100)
total time= 3.9s
[CV 3/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1935.597, test=-2772.853)
total time= 7.8s
[CV 1/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1576.966, test=-2487.440)
total time= 15.7s
[CV 4/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1390.805, test=-2637.363)
total time= 19.9s
[CV 3/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2492.198, test=-2801.999)
total time= 0.8s
[CV 5/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2493.382, test=-2798.986)
total time= 0.8s
[CV 2/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2469.111, test=-2337.597)
total time= 1.5s
[CV 4/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2432.579, test=-2558.376)
total time= 1.6s
[CV 2/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2272.381, test=-2353.793)
total time= 3.9s
[CV 5/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 5/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2175.900, test=-2756.736)
total time= 3.9s
[CV 3/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1963.975, test=-2782.581)
total time= 7.7s
[CV 1/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1626.957, test=-2483.246)
total time= 15.4s
[CV 4/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1477.647, test=-2618.398)
total time= 19.3s
[CV 3/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2486.972, test=-2796.823)
total time= 0.8s
[CV 5/5; 141/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 141/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2493.674, test=-2776.490)
total time= 0.8s
[CV 2/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2463.338, test=-2343.011)
total time= 1.5s
[CV 4/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2428.843, test=-2567.421)
total time= 1.5s
[CV 2/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2249.119, test=-2352.244)
total time= 3.8s
[CV 4/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2242.021, test=-2548.631)
total time= 3.8s

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[CV 2/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2001.882, test=-2424.361)
total time= 7.6s
[CV 5/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1903.217, test=-2725.441)
total time= 7.7s
[CV 1/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1441.622, test=-2520.732)
total time= 19.1s
[CV 4/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2349.083, test=-2417.523)
total time= 4.9s
[CV 4/5; 88/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 88/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2322.759, test=-2546.972)
total time= 5.1s
[CV 5/5; 89/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 89/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2109.708, test=-2715.638)
total time= 9.8s
[CV 3/5; 91/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 91/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1736.519, test=-2841.890)
total time= 24.4s
[CV 4/5; 96/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 96/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2133.531, test=-2585.580)
total time= 9.7s
[CV 2/5; 98/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 98/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1792.798, test=-2555.602)
total time= 24.2s
[CV 3/5; 103/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200
[CV 3/5; 103/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2104.808, test=-2774.611)
total time= 9.8s
[CV 1/5; 105/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 105/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1773.846, test=-2474.094)
total time= 24.1s
[CV 2/5; 110/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 110/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2156.595, test=-2429.125)
total time= 9.7s
[CV 5/5; 111/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 111/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-2038.345, test=-2718.197)
total time= 12.2s
[CV 1/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2432.727, test=-2425.750)
total time= 1.5s
[CV 4/5; 114/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 114/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2428.771, test=-2555.150)
total time= 1.6s
[CV 2/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2228.079, test=-2381.972)
total time= 3.9s
[CV 5/5; 115/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2138.673, test=-2771.787)
total time= 3.9s
[CV 3/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1881.721, test=-2768.927)
total time= 7.8s
[CV 5/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1431.064, test=-2795.661)

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total time= 15.6s
[CV 3/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-701.397, test=-3009.856)
total time= 38.6s
[CV 4/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1472.294, test=-2626.784)
total time= 15.5s
[CV 2/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-805.739, test=-2648.573)
total time= 38.7s
[CV 4/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1560.521, test=-2606.615)
total time= 15.5s
[CV 2/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-938.813, test=-2614.865)
total time= 39.0s
[CV 3/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1590.064, test=-2830.229)
total time= 15.5s
[CV 1/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1023.810, test=-2557.487)
total time= 38.6s
[CV 2/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1590.516, test=-2527.666)
total time= 15.3s
[CV 5/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1349.680, test=-2779.723)
total time= 19.0s
[CV 4/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

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[CV 4/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2428.843, test=-2568.253)
total time= 1.5s
[CV 2/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2249.119, test=-2355.503)
total time= 3.8s
[CV 5/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2167.305, test=-2701.514)
total time= 3.8s
[CV 2/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-660.704, test=-2889.464)
total time= 39.0s
[CV 3/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1274.736, test=-2915.998)
total time= 19.6s
[CV 1/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2561.450, test=-2477.654)
total time= 0.8s
[CV 2/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2580.642, test=-2389.781)
total time= 0.8s
[CV 3/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2488.005, test=-2802.059)
total time= 0.8s
[CV 5/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2493.382, test=-2799.517)
total time= 0.8s
[CV 2/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20;; score=(train=-2462.311, test=-2344.807)
total time= 1.6s
[CV 4/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2428.290, test=-2556.948)
total time= 1.6s
[CV 1/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2244.003, test=-2424.619)
total time= 3.8s
[CV 4/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2244.924, test=-2538.959)
total time= 3.9s
[CV 2/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2027.308, test=-2443.414)
total time= 7.9s
[CV 5/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1905.752, test=-2781.414)
total time= 7.8s
[CV 1/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1419.635, test=-2492.872)
total time= 19.6s
[CV 4/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-860.861, test=-2711.794)
total time= 39.4s
[CV 2/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1567.072, test=-2530.875)
total time= 19.8s
[CV 5/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-865.487, test=-2886.854)
total time= 38.8s
[CV 3/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 3/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1365.793, test=-2833.035)
total time= 19.5s
[CV 1/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2565.333, test=-2480.503)
total time= 0.8s
[CV 2/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2586.947, test=-2381.531)
total time= 0.8s
[CV 4/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2537.957, test=-2617.458)
total time= 0.8s
[CV 1/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2449.988, test=-2433.647)
total time= 1.5s
[CV 3/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2374.599, test=-2745.689)
total time= 1.5s
[CV 1/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2258.326, test=-2421.242)
total time= 3.9s
[CV 4/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2242.021, test=-2547.588)
total time= 3.9s
[CV 3/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1918.599, test=-2768.448)
total time= 7.7s
[CV 1/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1585.113, test=-2514.369)

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total time= 15.6s
[CV 4/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1378.593, test=-2614.213)
total time= 19.5s
[CV 4/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2537.957, test=-2617.458)
total time= 0.8s
[CV 1/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 112/2352] START learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 112/2352] END learning_rate=0.05, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1748.778, test=-2753.783)
total time= 24.5s
[CV 1/5; 118/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 118/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1291.902, test=-2495.247)
total time= 19.4s
[CV 4/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-723.002, test=-2727.465)
total time= 39.0s
[CV 2/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1422.040, test=-2566.328)
total time= 19.6s
[CV 5/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-691.820, test=-2951.087)
total time= 38.7s
[CV 3/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1357.835, test=-2894.882)
total time= 19.4s
[CV 1/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2562.782, test=-2479.393)
total time= 0.8s

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[CV 2/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2583.286, test=-2385.048)
total time= 0.8s
[CV 4/5; 134/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 134/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2536.699, test=-2608.607)
total time= 0.8s
[CV 1/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2445.806, test=-2423.441)
total time= 1.5s
[CV 3/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2382.589, test=-2761.037)
total time= 1.5s
[CV 1/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2250.754, test=-2414.196)
total time= 3.8s
[CV 4/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2266.896, test=-2527.246)
total time= 3.8s
[CV 2/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2058.793, test=-2420.321)
total time= 7.7s
[CV 5/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1928.227, test=-2766.550)
total time= 7.7s
[CV 1/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1467.795, test=-2495.453)
total time= 19.3s
[CV 4/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=500;; score=(train=-998.172, test=-2707.192)
total time= 38.7s
[CV 2/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1439.496, test=-2546.629)
total time= 19.2s
[CV 5/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-855.180, test=-2839.835)
total time= 38.7s
[CV 3/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1365.793, test=-2836.112)
total time= 19.5s
[CV 1/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2565.333, test=-2480.880)
total time= 0.8s
[CV 2/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2586.947, test=-2381.596)
total time= 0.8s
[CV 3/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2486.972, test=-2796.823)
total time= 0.8s
[CV 5/5; 155/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 155/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2493.674, test=-2775.735)
total time= 0.8s
[CV 2/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2463.338, test=-2340.686)
total time= 1.5s
[CV 5/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2383.934, test=-2730.517)
total time= 1.6s
[CV 3/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50
[CV 3/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2186.464, test=-2735.312)
total time= 3.8s
[CV 1/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2009.999, test=-2458.171)
total time= 7.8s
[CV 4/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 123/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 123/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1899.730, test=-2775.013)
total time= 7.8s
[CV 1/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1472.519, test=-2457.730)
total time= 15.6s
[CV 4/5; 125/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 125/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1328.137, test=-2641.864)
total time= 19.4s
[CV 4/5; 127/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 127/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2535.428, test=-2606.907)
total time= 0.8s
[CV 1/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2444.381, test=-2425.449)
total time= 1.5s
[CV 3/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2375.588, test=-2754.397)
total time= 1.5s
[CV 5/5; 128/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 128/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2384.954, test=-2757.138)
total time= 1.6s
[CV 3/5; 129/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

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[CV 3/5; 129/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2190.989, test=-2735.635)
total time= 3.8s
[CV 1/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1994.574, test=-2454.217)
total time= 7.8s
[CV 4/5; 130/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 130/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2002.459, test=-2554.203)
total time= 7.8s
[CV 2/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1668.324, test=-2508.104)
total time= 15.8s
[CV 5/5; 132/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 132/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1321.519, test=-2807.637)
total time= 19.4s
[CV 5/5; 135/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 135/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2386.141, test=-2756.306)
total time= 1.6s
[CV 3/5; 136/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 136/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2208.611, test=-2732.836)
total time= 3.8s
[CV 1/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2027.766, test=-2436.638)
total time= 7.9s
[CV 4/5; 137/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 137/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2046.349, test=-2554.814)
total time= 7.9s
[CV 5/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1560.319, test=-2802.155)
total time= 15.7s

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[CV 3/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=500
 [CV 3/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
 min_samples_split=15, n_estimators=500;; score=(train=-909.993, test=-2914.142)
 total time= 39.1s
 [CV 5/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200
 [CV 5/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=200;; score=(train=-1500.885, test=-2758.459)
 total time= 15.5s
 [CV 3/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=500
 [CV 3/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=2, n_estimators=500;; score=(train=-882.053, test=-2919.799)
 total time= 38.8s
 [CV 5/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=200
 [CV 5/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=200;; score=(train=-1500.885, test=-2757.820)
 total time= 15.3s
 [CV 2/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=500
 [CV 2/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=500;; score=(train=-921.762, test=-2649.354)
 total time= 38.3s
 [CV 2/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=200
 [CV 2/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=200;; score=(train=-1590.516, test=-2527.345)
 total time= 15.6s
 [CV 5/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=250
 [CV 5/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=250;; score=(train=-1349.680, test=-2779.933)
 total time= 19.4s
 [CV 2/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=50
 [CV 2/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=50;; score=(train=-2267.589, test=-2344.624)
 total time= 3.9s
 [CV 5/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=50
 [CV 5/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=50;; score=(train=-2177.179, test=-2706.181)
 total time= 3.9s
 [CV 3/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=100
 [CV 3/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100;; score=(train=-1947.424, test=-2780.335)
total time= 7.7s
[CV 5/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1941.151, test=-2712.123)
total time= 7.8s
[CV 1/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 115/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2214.785, test=-2528.484)
total time= 3.9s
[CV 2/5; 116/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 116/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1987.062, test=-2463.597)
total time= 7.9s
[CV 3/5; 117/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 117/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1430.863, test=-2854.565)
total time= 15.6s
[CV 1/5; 119/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-725.309, test=-2553.921)
total time= 38.7s
[CV 3/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1458.932, test=-2871.978)
total time= 15.6s
[CV 1/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-747.159, test=-2548.555)
total time= 38.9s
[CV 3/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1524.029, test=-2860.949)
total time= 15.6s
[CV 1/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-867.749, test=-2525.893)
total time= 38.5s
[CV 2/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 2/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1717.365, test=-2512.623)
total time= 15.6s
[CV 5/5; 139/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 139/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1407.367, test=-2811.241)
total time= 19.2s
[CV 5/5; 142/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 142/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2383.934, test=-2729.616)
total time= 1.5s
[CV 3/5; 143/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 143/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2186.464, test=-2736.311)
total time= 3.7s
[CV 1/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2009.999, test=-2458.575)
total time= 7.6s
[CV 4/5; 144/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 144/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1987.912, test=-2564.939)
total time= 7.7s
[CV 3/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1518.811, test=-2806.828)
total time= 15.3s
[CV 1/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-932.416, test=-2607.182)
total time= 38.3s
[CV 2/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1590.516, test=-2526.378)
total time= 15.4s
[CV 5/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1349.680, test=-2776.946)

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total time= 19.1s
[CV 3/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2374.599, test=-2745.689)
total time= 1.5s
[CV 1/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2258.327, test=-2421.682)
total time= 3.8s
[CV 4/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2242.021, test=-2548.248)
total time= 3.8s
[CV 2/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2001.882, test=-2425.476)
total time= 7.7s
[CV 5/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1903.217, test=-2725.553)
total time= 7.6s
[CV 1/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1445.775, test=-2536.323)
total time= 19.4s
[CV 4/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-896.448, test=-2677.700)
total time= 39.0s
[CV 2/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1552.326, test=-2521.237)
total time= 19.7s
[CV 5/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-948.200, test=-2859.523)
total time= 39.0s
[CV 3/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

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[CV 3/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1458.370, test=-2864.791)
total time= 19.4s
[CV 1/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2567.605, test=-2483.035)
total time= 0.8s
[CV 4/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-896.448, test=-2676.144)
total time= 38.3s
[CV 2/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1439.496, test=-2549.380)
total time= 19.3s
[CV 5/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-853.486, test=-2844.140)
total time= 38.3s
[CV 3/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1365.793, test=-2836.134)
total time= 19.4s
[CV 1/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2568.577, test=-2483.122)
total time= 0.8s
[CV 2/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2588.488, test=-2384.829)
total time= 0.8s
[CV 3/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2490.430, test=-2799.012)
total time= 0.8s
[CV 5/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2493.674, test=-2776.565)
total time= 0.8s
[CV 2/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

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[CV 2/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2468.995, test=-2343.412)
total time= 1.6s
[CV 4/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2429.289, test=-2569.046)
total time= 1.6s
[CV 1/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2265.718, test=-2433.870)
total time= 3.9s
[CV 4/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2252.187, test=-2548.602)
total time= 3.9s
[CV 2/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2081.912, test=-2398.400)
total time= 7.8s
[CV 1/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1664.075, test=-2499.412)
total time= 15.6s
[CV 4/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1501.225, test=-2644.641)
total time= 19.5s
[CV 3/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2497.708, test=-2796.304)
total time= 0.8s
[CV 5/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2497.530, test=-2769.831)
total time= 0.8s
[CV 2/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2470.918, test=-2342.145)
total time= 1.5s

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[CV 4/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=20
 [CV 4/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=20;; score=(train=-2430.737, test=-2568.155)
 total time= 1.5s
 [CV 2/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50
 [CV 2/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50;; score=(train=-2271.174, test=-2362.430)
 total time= 3.8s
 [CV 5/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50
 [CV 5/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50;; score=(train=-2191.898, test=-2700.239)
 total time= 3.9s
 [CV 3/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=100
 [CV 3/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=100;; score=(train=-1944.338, test=-2779.451)
 total time= 7.6s
 [CV 1/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=200
 [CV 1/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=200;; score=(train=-1653.327, test=-2489.983)
 total time= 15.4s
 [CV 4/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250
 [CV 4/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250;; score=(train=-1557.704, test=-2654.089)
 total time= 19.4s
 [CV 2/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10
 [CV 2/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10;; score=(train=-2594.946, test=-2385.269)
 total time= 0.8s
 [CV 4/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10
 [CV 4/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10;; score=(train=-2540.514, test=-2619.897)
 total time= 0.8s
 [CV 1/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=20
 [CV 1/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=20;; score=(train=-2459.932, test=-2428.648)
 total time= 1.3s
 [CV 3/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=5, n_estimators=20
 [CV 3/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-2395.810, test=-2751.038)
total time= 1.5s
[CV 1/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2270.878, test=-2425.634)
total time= 3.9s
[CV 2/5; 119/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-765.553, test=-2619.565)
total time= 39.2s
[CV 5/5; 124/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 124/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1430.428, test=-2842.187)
total time= 15.6s
[CV 3/5; 126/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 126/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-717.849, test=-3047.809)
total time= 38.9s
[CV 5/5; 131/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 131/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1481.082, test=-2792.520)
total time= 15.5s
[CV 3/5; 133/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 133/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-872.456, test=-2965.465)
total time= 39.0s
[CV 4/5; 138/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 138/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1605.529, test=-2597.407)
total time= 15.7s
[CV 2/5; 140/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 140/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1018.505, test=-2601.744)
total time= 39.5s
[CV 4/5; 145/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1533.423, test=-2603.339)
total time= 15.5s
[CV 2/5; 147/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 147/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500;; score=(train=-921.762, test=-2650.333)
total time= 39.0s
[CV 4/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1533.423, test=-2602.731)
total time= 15.6s
[CV 3/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-882.053, test=-2924.595)
total time= 39.1s
[CV 5/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1488.996, test=-2748.383)
total time= 15.5s
[CV 3/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-882.053, test=-2922.887)
total time= 39.3s
[CV 4/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1649.600, test=-2627.650)
total time= 15.5s
[CV 2/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1029.345, test=-2605.896)
total time= 38.6s
[CV 3/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1605.176, test=-2846.199)
total time= 15.1s
[CV 5/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1392.599, test=-2779.355)
total time= 19.0s
[CV 4/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2430.737, test=-2568.206)
total time= 1.5s
[CV 2/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 2/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2271.174, test=-2363.908)
total time= 3.8s
[CV 5/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2193.175, test=-2697.883)
total time= 3.9s
[CV 3/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1945.955, test=-2783.573)
total time= 7.5s
[CV 1/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1653.327, test=-2489.135)
total time= 15.5s
[CV 4/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1557.704, test=-2654.269)
total time= 19.4s
[CV 3/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2497.708, test=-2796.304)
total time= 0.8s
[CV 5/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2497.530, test=-2769.434)
total time= 0.8s
[CV 2/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2470.918, test=-2341.850)
total time= 1.5s
[CV 5/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2390.876, test=-2718.892)
total time= 1.6s
[CV 3/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2198.163, test=-2728.302)

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total time= 3.8s
[CV 1/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2028.972, test=-2452.126)
total time= 7.7s
[CV 2/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2001.882, test=-2422.056)
total time= 7.7s
[CV 5/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1903.217, test=-2726.716)
total time= 7.7s
[CV 1/5; 153/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 153/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1441.622, test=-2514.867)
total time= 19.2s
[CV 4/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-896.448, test=-2675.696)
total time= 38.5s
[CV 2/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1439.496, test=-2549.452)
total time= 19.4s
[CV 5/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-855.180, test=-2842.431)
total time= 38.9s
[CV 3/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1445.939, test=-2870.687)
total time= 19.2s
[CV 1/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2567.605, test=-2483.035)
total time= 0.8s
[CV 2/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2594.946, test=-2383.569)

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total time= 0.8s
[CV 4/5; 169/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 169/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2540.514, test=-2619.897)
total time= 0.7s
[CV 1/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2459.932, test=-2428.473)
total time= 1.5s
[CV 3/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2395.810, test=-2751.038)
total time= 1.5s
[CV 1/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2270.878, test=-2425.634)
total time= 3.8s
[CV 4/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2261.199, test=-2554.548)
total time= 3.8s
[CV 2/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2053.380, test=-2410.368)
total time= 7.7s
[CV 5/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1939.361, test=-2721.691)
total time= 7.6s
[CV 1/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1495.430, test=-2509.052)
total time= 19.0s
[CV 4/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1067.877, test=-2743.275)
total time= 38.5s
[CV 2/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

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[CV 2/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1511.113, test=-2506.623)
total time= 19.2s
[CV 5/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-949.041, test=-2817.402)
total time= 38.3s
[CV 3/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1458.370, test=-2868.188)
total time= 19.1s
[CV 1/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2567.605, test=-2482.906)
total time= 0.8s
[CV 2/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2594.946, test=-2381.461)
total time= 0.8s
[CV 3/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2497.708, test=-2796.304)
total time= 0.8s
[CV 4/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2540.514, test=-2619.897)
total time= 0.8s
[CV 1/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2459.932, test=-2428.382)
total time= 1.5s
[CV 4/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2430.737, test=-2568.206)
total time= 1.5s
[CV 2/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2271.174, test=-2361.823)
total time= 3.8s

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[CV 5/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2193.175, test=-2698.452)
total time= 3.8s
[CV 1/5; 145/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1596.391, test=-2503.352)
total time= 15.5s
[CV 4/5; 146/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 146/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1378.593, test=-2614.252)
total time= 19.5s
[CV 3/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2486.972, test=-2796.823)
total time= 0.8s
[CV 5/5; 148/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 148/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2493.674, test=-2776.573)
total time= 0.8s
[CV 2/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2463.338, test=-2339.642)
total time= 1.5s
[CV 5/5; 149/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 149/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2383.934, test=-2729.460)
total time= 1.6s
[CV 3/5; 150/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 150/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2186.464, test=-2736.133)
total time= 3.7s
[CV 1/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2007.789, test=-2458.081)
total time= 7.8s
[CV 4/5; 151/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 151/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1987.912, test=-2567.973)
total time= 7.8s

[CV 3/5; 152/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=200
 [CV 3/5; 152/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=200;; score=(train=-1518.811, test=-2804.230)
 total time= 15.6s
 [CV 1/5; 154/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=500
 [CV 1/5; 154/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=5, n_estimators=500;; score=(train=-932.416, test=-2606.580)
 total time= 39.0s
 [CV 4/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=200
 [CV 4/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=200;; score=(train=-1533.423, test=-2603.129)
 total time= 15.4s
 [CV 1/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=500
 [CV 1/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=10, n_estimators=500;; score=(train=-964.095, test=-2582.206)
 total time= 38.7s
 [CV 2/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=200
 [CV 2/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=200;; score=(train=-1700.067, test=-2485.387)
 total time= 15.6s
 [CV 5/5; 167/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250
 [CV 5/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250;; score=(train=-1426.077, test=-2764.531)
 total time= 19.4s
 [CV 5/5; 170/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=20
 [CV 5/5; 170/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=20;; score=(train=-2390.876, test=-2718.885)
 total time= 1.6s
 [CV 3/5; 171/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50
 [CV 3/5; 171/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50;; score=(train=-2198.163, test=-2728.710)
 total time= 3.8s
 [CV 1/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=100
 [CV 1/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=100;; score=(train=-2028.972, test=-2452.327)
 total time= 7.6s
 [CV 4/5; 172/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
 min_samples_split=2, n_estimators=100
 [CV 4/5; 172/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100;; score=(train=-2037.734, test=-2572.976)
total time= 7.7s
[CV 5/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1565.541, test=-2746.299)
total time= 15.2s
[CV 2/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1026.994, test=-2597.143)
total time= 38.5s
[CV 4/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1701.922, test=-2622.741)
total time= 15.4s
[CV 2/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-984.950, test=-2573.767)
total time= 37.6s
[CV 3/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1605.759, test=-2839.743)
total time= 15.2s
[CV 1/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1023.305, test=-2599.382)
total time= 38.5s
[CV 2/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1653.118, test=-2491.302)
total time= 15.6s
[CV 5/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1392.599, test=-2779.508)
total time= 19.1s
[CV 3/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2400.227, test=-2755.981)
total time= 1.5s
[CV 1/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 1/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2276.468, test=-2429.621)
total time= 3.9s
[CV 1/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2449.988, test=-2433.394)
total time= 1.5s
[CV 4/5; 156/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 156/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2428.843, test=-2567.421)
total time= 1.5s
[CV 2/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2249.119, test=-2354.601)
total time= 3.8s
[CV 5/5; 157/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 157/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2167.305, test=-2702.632)
total time= 3.9s
[CV 3/5; 158/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1918.599, test=-2770.799)
total time= 7.7s
[CV 1/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1596.391, test=-2503.297)
total time= 15.5s
[CV 4/5; 160/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 160/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1378.593, test=-2616.595)
total time= 19.2s
[CV 4/5; 162/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 162/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2538.570, test=-2617.837)
total time= 0.8s
[CV 1/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2458.302, test=-2436.781)
total time= 1.5s
[CV 3/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20
[CV 3/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2378.755, test=-2757.294)
total time= 1.5s
[CV 5/5; 163/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 163/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2383.502, test=-2727.624)
total time= 1.6s
[CV 3/5; 164/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 164/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2201.855, test=-2743.222)
total time= 3.8s
[CV 1/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2029.121, test=-2449.780)
total time= 7.7s
[CV 4/5; 165/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 165/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2026.191, test=-2570.157)
total time= 7.8s
[CV 5/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1552.584, test=-2759.334)
total time= 15.5s
[CV 3/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-964.135, test=-2972.298)
total time= 39.1s
[CV 4/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1701.922, test=-2621.810)
total time= 15.6s
[CV 3/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-966.166, test=-2973.937)
total time= 37.9s
[CV 3/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1605.176, test=-2849.838)

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total time= 15.3s
[CV 1/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1023.305, test=-2602.320)
total time= 38.0s
[CV 2/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1678.804, test=-2489.445)
total time= 15.2s
[CV 5/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1392.599, test=-2780.135)
total time= 18.8s
[CV 3/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2395.810, test=-2751.038)
total time= 1.5s
[CV 1/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2270.878, test=-2425.295)
total time= 3.8s
[CV 4/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2261.199, test=-2553.631)
total time= 3.8s
[CV 2/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2066.419, test=-2422.425)
total time= 7.6s
[CV 5/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1943.358, test=-2719.506)
total time= 7.6s
[CV 1/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1495.430, test=-2509.209)
total time= 19.0s
[CV 4/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

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[CV 4/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1067.877, test=-2746.922)
total time= 38.5s

[CV 4/5; 158/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1987.912, test=-2566.274)
total time= 7.8s

[CV 3/5; 159/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 3/5; 159/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1518.811, test=-2804.842)
total time= 15.6s

[CV 2/5; 161/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 2/5; 161/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-921.762, test=-2647.917)
total time= 39.1s

[CV 3/5; 166/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 3/5; 166/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1603.501, test=-2853.486)
total time= 15.6s

[CV 1/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 1/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1019.667, test=-2604.095)
total time= 38.9s

[CV 2/5; 173/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 173/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1653.118, test=-2490.446)
total time= 15.4s

[CV 1/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1023.305, test=-2598.778)
total time= 38.6s

[CV 2/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 2/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1678.220, test=-2500.106)
total time= 15.2s

[CV 5/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 5/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1392.599, test=-2778.357)
total time= 18.9s

[CV 3/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

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[CV 3/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2395.810, test=-2751.038)
total time= 1.5s
[CV 1/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2270.878, test=-2425.661)
total time= 3.8s
[CV 4/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2261.199, test=-2552.775)
total time= 3.8s
[CV 2/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2066.419, test=-2422.161)
total time= 7.7s
[CV 5/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1939.361, test=-2722.422)
total time= 7.6s
[CV 1/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1495.430, test=-2511.263)
total time= 19.0s
[CV 4/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1067.877, test=-2746.026)
total time= 38.5s
[CV 2/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1509.065, test=-2507.183)
total time= 19.0s
[CV 5/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-955.053, test=-2863.691)
total time= 38.3s
[CV 3/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1529.774, test=-2856.052)
total time= 19.0s

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[CV 1/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2571.377, test=-2483.102)
total time= 0.8s
[CV 3/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2499.355, test=-2797.948)
total time= 0.7s
[CV 5/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2503.220, test=-2762.956)
total time= 0.8s
[CV 2/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2479.243, test=-2329.153)
total time= 1.5s
[CV 4/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2436.240, test=-2558.816)
total time= 1.5s
[CV 2/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2290.477, test=-2341.999)
total time= 3.8s
[CV 5/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2206.653, test=-2697.665)
total time= 3.8s
[CV 3/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1988.769, test=-2780.477)
total time= 7.5s
[CV 1/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1696.311, test=-2500.855)
total time= 15.2s
[CV 4/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250;; score=(train=-1575.824, test=-2616.905)
total time= 19.0s
[CV 4/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2261.199, test=-2553.587)
total time= 3.8s
[CV 2/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2066.419, test=-2421.772)
total time= 7.7s
[CV 5/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1939.361, test=-2722.450)
total time= 7.7s
[CV 1/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1495.430, test=-2508.978)
total time= 19.1s
[CV 4/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1067.877, test=-2747.037)
total time= 38.2s
[CV 2/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1539.696, test=-2507.637)
total time= 19.1s
[CV 5/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-949.041, test=-2817.271)
total time= 38.1s
[CV 3/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1491.538, test=-2864.681)
total time= 19.0s
[CV 1/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2571.377, test=-2483.102)
total time= 0.8s
[CV 2/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10
[CV 2/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2599.182, test=-2377.550)
total time= 0.8s
[CV 4/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2538.947, test=-2610.738)
total time= 0.8s
[CV 1/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2461.442, test=-2434.044)
total time= 1.5s
[CV 4/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2436.240, test=-2558.816)
total time= 1.5s
[CV 2/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2290.477, test=-2344.034)
total time= 3.9s
[CV 5/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2206.653, test=-2698.025)
total time= 3.8s
[CV 3/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1989.395, test=-2768.800)
total time= 7.5s
[CV 1/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1696.311, test=-2499.887)
total time= 15.2s
[CV 4/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1575.824, test=-2617.953)
total time= 19.0s
[CV 2/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2599.182, test=-2381.953)

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total time= 0.8s
[CV 4/5; 204/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 204/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2538.947, test=-2610.738)
total time= 0.8s
[CV 1/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2461.442, test=-2434.822)
total time= 1.5s
[CV 3/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2400.227, test=-2755.973)
total time= 1.5s
[CV 1/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2276.468, test=-2428.504)
total time= 3.8s
[CV 4/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2258.836, test=-2521.248)
total time= 3.8s
[CV 2/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2068.075, test=-2403.861)
total time= 7.6s
[CV 5/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1978.881, test=-2706.391)
total time= 7.6s
[CV 1/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1552.484, test=-2523.427)
total time= 19.1s
[CV 4/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1108.676, test=-2734.049)
total time= 41.5s
[CV 3/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 1/5; 167/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1532.630, test=-2501.206)
total time= 19.5s

[CV 4/5; 168/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 4/5; 168/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1018.271, test=-2702.312)
total time= 39.2s

[CV 2/5; 174/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 2/5; 174/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1511.113, test=-2505.098)
total time= 19.3s

[CV 5/5; 175/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 5/5; 175/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-949.041, test=-2819.462)
total time= 38.6s

[CV 3/5; 181/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 3/5; 181/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1491.396, test=-2885.930)
total time= 19.4s

[CV 1/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 1/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2567.605, test=-2483.035)
total time= 0.8s

[CV 2/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 2/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2594.946, test=-2383.569)
total time= 0.8s

[CV 4/5; 183/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 4/5; 183/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2540.514, test=-2619.897)
total time= 0.8s

[CV 1/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 1/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2459.932, test=-2428.460)
total time= 1.5s

[CV 4/5; 184/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 4/5; 184/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2430.737, test=-2568.206)
total time= 1.5s

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[CV 2/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2271.177, test=-2366.637)
total time= 3.8s
[CV 5/5; 185/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 185/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2193.176, test=-2698.582)
total time= 3.9s
[CV 3/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1945.955, test=-2783.026)
total time= 7.6s
[CV 1/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1653.327, test=-2488.767)
total time= 15.4s
[CV 4/5; 188/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 188/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1557.704, test=-2652.738)
total time= 19.4s
[CV 5/5; 190/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 190/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2497.530, test=-2769.831)
total time= 0.8s
[CV 2/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2470.918, test=-2340.842)
total time= 1.5s
[CV 5/5; 191/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 191/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2390.876, test=-2719.421)
total time= 1.5s
[CV 3/5; 192/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 192/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2198.148, test=-2728.674)
total time= 3.8s
[CV 1/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100;; score=(train=-2028.972, test=-2450.017)
total time= 7.7s
[CV 4/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2037.734, test=-2573.027)
total time= 7.8s
[CV 4/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1701.922, test=-2623.790)
total time= 15.6s
[CV 3/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-966.166, test=-2972.549)
total time= 38.4s
[CV 5/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1643.453, test=-2744.114)
total time= 15.3s
[CV 3/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1082.041, test=-2965.884)
total time= 38.4s
[CV 4/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1716.392, test=-2603.425)
total time= 15.4s
[CV 3/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1082.041, test=-2967.452)
total time= 40.3s
[CV 1/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1552.484, test=-2523.465)
total time= 20.1s
[CV 4/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1122.902, test=-2706.638)
total time= 38.3s
[CV 3/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10
[CV 3/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2497.708, test=-2796.304)
total time= 0.8s
[CV 5/5; 176/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 176/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2497.530, test=-2769.434)
total time= 0.8s
[CV 2/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2470.918, test=-2342.608)
total time= 1.5s
[CV 5/5; 177/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 177/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2390.876, test=-2718.564)
total time= 1.6s
[CV 3/5; 178/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 178/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2198.163, test=-2728.234)
total time= 3.8s
[CV 1/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2028.972, test=-2452.991)
total time= 7.8s
[CV 4/5; 179/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 179/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2037.734, test=-2573.660)
total time= 7.8s
[CV 5/5; 180/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 180/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1540.809, test=-2768.411)
total time= 15.2s
[CV 3/5; 182/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 182/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-966.166, test=-2976.525)
total time= 38.4s
[CV 4/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1701.922, test=-2622.884)

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total time= 15.6s
[CV 2/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1036.662, test=-2593.049)
total time= 38.5s
[CV 3/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1605.759, test=-2837.977)
total time= 15.5s
[CV 1/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1023.305, test=-2599.920)
total time= 38.4s
[CV 2/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1740.370, test=-2492.636)
total time= 15.1s
[CV 5/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1520.264, test=-2764.128)
total time= 18.8s
[CV 5/5; 205/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 205/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2394.247, test=-2715.509)
total time= 1.5s
[CV 3/5; 206/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 206/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2228.409, test=-2735.764)
total time= 3.7s
[CV 1/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2068.097, test=-2438.905)
total time= 7.5s
[CV 4/5; 207/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 207/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2050.959, test=-2556.205)
total time= 7.6s
[CV 5/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

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[CV 5/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1643.453, test=-2742.440)
total time= 15.4s
[CV 2/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1119.810, test=-2567.697)
total time= 34.5s
[CV 5/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1978.881, test=-2705.985)
total time= 3.9s
[CV 3/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1673.240, test=-2851.823)
total time= 8.0s
[CV 2/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1604.014, test=-2516.663)
total time= 19.2s
[CV 5/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1047.401, test=-2820.033)
total time= 38.2s
[CV 3/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1529.774, test=-2858.319)
total time= 19.3s
[CV 1/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2402.193, test=-2476.408)
total time= 1.3s
[CV 4/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2407.026, test=-2631.597)
total time= 1.1s
[CV 1/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 186/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 186/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=100;; score=(train=-2037.734, test=-2573.022)
total time= 7.7s
[CV 5/5; 187/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 187/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1540.809, test=-2765.956)
total time= 15.2s
[CV 3/5; 189/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 189/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-972.996, test=-2964.864)
total time= 38.5s
[CV 5/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1540.809, test=-2765.015)
total time= 15.0s
[CV 2/5; 196/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 196/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1026.994, test=-2594.382)
total time= 38.3s
[CV 3/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1673.240, test=-2853.107)
total time= 15.2s
[CV 1/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1096.048, test=-2616.710)
total time= 37.8s
[CV 2/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1740.373, test=-2495.849)
total time= 15.3s
[CV 5/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1520.264, test=-2766.139)
total time= 19.0s
[CV 5/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2394.247, test=-2715.623)
total time= 1.6s
[CV 3/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50
[CV 3/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2226.503, test=-2735.327)
total time= 3.7s
[CV 1/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2068.097, test=-2438.567)
total time= 7.7s
[CV 4/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2050.960, test=-2555.184)
total time= 9.3s
[CV 5/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1643.453, test=-2743.140)
total time= 16.5s
[CV 3/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1082.041, test=-2967.204)
total time= 37.8s
[CV 5/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1643.453, test=-2743.163)
total time= 15.1s
[CV 3/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1082.041, test=-2968.234)
total time= 38.3s
[CV 5/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1192.043, test=-2840.060)
total time= 11.5s
[CV 3/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-384.363, test=-2923.516)
total time= 28.8s
[CV 1/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2408.564, test=-2477.175)

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total time= 1.1s
[CV 2/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2454.730, test=-2384.566)
total time= 1.1s
[CV 3/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2329.997, test=-2804.252)
total time= 1.1s
[CV 4/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2411.569, test=-2638.800)
total time= 1.1s
[CV 5/5; 232/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 232/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2389.909, test=-2833.324)
total time= 1.2s
[CV 1/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2178.905, test=-2451.902)
total time= 2.2s
[CV 2/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2251.569, test=-2368.846)
total time= 2.3s
[CV 3/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2078.492, test=-2754.960)
total time= 2.2s
[CV 5/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2185.226, test=-2798.316)
total time= 2.3s
[CV 3/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 193/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 193/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1945.955, test=-2783.254)
total time= 7.6s

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[CV 1/5; 194/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 194/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1653.327, test=-2488.216)
total time= 15.3s
[CV 4/5; 195/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 195/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1557.704, test=-2653.795)
total time= 19.3s
[CV 3/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2499.355, test=-2798.006)
total time= 0.7s
[CV 5/5; 197/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 197/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2503.220, test=-2762.956)
total time= 0.8s
[CV 2/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2479.243, test=-2328.816)
total time= 1.5s
[CV 5/5; 198/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 198/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2394.247, test=-2715.717)
total time= 1.6s
[CV 3/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2228.409, test=-2735.869)
total time= 3.7s
[CV 1/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2068.097, test=-2438.588)
total time= 7.6s
[CV 4/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2050.960, test=-2556.678)
total time= 7.7s
[CV 4/5; 201/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 201/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200;; score=(train=-1716.828, test=-2606.766)
total time= 15.4s
[CV 2/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1119.810, test=-2572.341)
total time= 38.3s
[CV 3/5; 208/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 208/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1673.240, test=-2851.233)
total time= 15.3s
[CV 1/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1096.048, test=-2618.604)
total time= 39.4s
[CV 4/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1716.392, test=-2605.035)
total time= 16.7s
[CV 2/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1119.813, test=-2564.560)
total time= 38.4s
[CV 4/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1716.828, test=-2606.125)
total time= 15.4s
[CV 2/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1119.810, test=-2573.479)
total time= 38.6s
[CV 1/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-589.723, test=-2564.597)
total time= 23.3s
[CV 4/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-365.468, test=-2755.176)
total time= 29.0s
[CV 4/5; 233/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=20
[CV 4/5; 233/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2200.382, test=-2598.139)
total time= 2.3s
[CV 2/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1800.469, test=-2443.363)
total time= 5.7s
[CV 5/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1652.294, test=-2811.210)
total time= 5.7s
[CV 3/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1214.153, test=-2805.275)
total time= 11.5s
[CV 1/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-586.579, test=-2566.503)
total time= 23.2s
[CV 4/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-447.719, test=-2747.156)
total time= 29.3s
[CV 4/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2427.557, test=-2637.147)
total time= 1.1s
[CV 1/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2213.951, test=-2460.263)
total time= 2.2s
[CV 3/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 199/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 199/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2258.836, test=-2521.910)
total time= 3.7s
[CV 2/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

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[CV 2/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2068.075, test=-2406.588)
total time= 7.5s
[CV 5/5; 200/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 200/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1978.881, test=-2705.724)
total time= 7.6s
[CV 1/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1552.484, test=-2522.703)
total time= 18.9s
[CV 4/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1108.676, test=-2732.919)
total time= 38.0s
[CV 2/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1604.014, test=-2520.233)
total time= 19.1s
[CV 5/5; 210/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 210/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1047.401, test=-2818.806)
total time= 41.3s
[CV 4/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1575.824, test=-2619.155)
total time= 19.1s
[CV 5/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2503.220, test=-2762.956)
total time= 0.8s
[CV 2/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2479.243, test=-2329.319)
total time= 1.5s
[CV 5/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2394.247, test=-2715.658)
total time= 1.5s

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[CV 3/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2226.503, test=-2735.348)
total time= 3.8s
[CV 1/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2068.097, test=-2438.370)
total time= 7.6s
[CV 4/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2050.960, test=-2555.505)
total time= 7.7s
[CV 3/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1673.240, test=-2851.623)
total time= 15.2s
[CV 1/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1096.048, test=-2618.914)
total time= 38.4s
[CV 4/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1221.218, test=-2700.089)
total time= 11.7s
[CV 2/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-476.556, test=-2617.035)
total time= 29.2s
[CV 5/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-85.012, test=-2901.943)
total time= 58.7s
[CV 3/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-469.324, test=-2887.219)
total time= 29.4s
[CV 1/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10;; score=(train=-2429.508, test=-2491.209)
total time= 1.1s
[CV 2/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2482.377, test=-2379.859)
total time= 1.1s
[CV 3/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2352.530, test=-2806.019)
total time= 1.1s
[CV 5/5; 239/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 239/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2403.116, test=-2818.955)
total time= 1.2s
[CV 2/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2241.780, test=-2362.079)
total time= 2.2s
[CV 4/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2227.758, test=-2588.116)
total time= 2.3s
[CV 2/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1875.539, test=-2443.100)
total time= 5.7s
[CV 5/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1829.866, test=-2764.545)
total time= 5.8s
[CV 3/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2499.355, test=-2797.948)
total time= 0.8s
[CV 5/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2503.220, test=-2762.922)

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total time= 0.8s
[CV 2/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2479.243, test=-2332.260)
total time= 1.5s
[CV 4/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2436.240, test=-2558.816)
total time= 1.5s
[CV 2/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2290.477, test=-2346.026)
total time= 3.7s
[CV 5/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2206.653, test=-2697.402)
total time= 3.8s
[CV 3/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1989.395, test=-2769.739)
total time= 9.0s
[CV 2/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1740.370, test=-2495.019)
total time= 17.4s
[CV 1/5; 217/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 217/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1096.048, test=-2619.306)
total time= 38.5s
[CV 2/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1740.370, test=-2496.611)
total time= 15.4s
[CV 5/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1520.264, test=-2765.781)
total time= 19.4s
[CV 2/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 2/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2217.465, test=-2373.310)
total time= 2.3s
[CV 5/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2187.243, test=-2802.336)
total time= 2.4s
[CV 3/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1678.799, test=-2774.618)
total time= 5.6s
[CV 1/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1189.814, test=-2512.752)
total time= 11.6s
[CV 2/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-652.868, test=-2598.896)
total time= 23.5s
[CV 5/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-347.273, test=-2874.321)
total time= 29.0s
[CV 1/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1703.262, test=-2449.479)
total time= 5.6s
[CV 4/5; 234/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1770.178, test=-2590.140)
total time= 5.8s
[CV 2/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1283.237, test=-2527.712)
total time= 11.6s
[CV 5/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1151.008, test=-2859.859)
total time= 11.6s

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[CV 1/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-449.096, test=-2531.769)
total time= 29.3s
[CV 4/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-97.518, test=-2813.735)
total time= 59.0s
[CV 2/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-662.255, test=-2568.066)
total time= 29.6s
[CV 5/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-193.267, test=-2904.570)
total time= 58.5s
[CV 3/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-729.522, test=-2916.363)
total time= 28.9s
[CV 1/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2449.119, test=-2494.504)
total time= 1.1s
[CV 2/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2491.962, test=-2393.765)
total time= 1.1s
[CV 3/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1559.959, test=-2877.500)
total time= 19.2s
[CV 1/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2571.377, test=-2482.781)
total time= 0.8s
[CV 2/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10;; score=(train=-2599.182, test=-2373.426)
total time= 0.8s
[CV 3/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2499.355, test=-2798.006)
total time= 0.7s
[CV 4/5; 218/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 218/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2538.947, test=-2610.738)
total time= 0.8s
[CV 1/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2461.442, test=-2435.249)
total time= 1.5s
[CV 4/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2436.240, test=-2558.816)
total time= 1.5s
[CV 2/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2290.477, test=-2342.712)
total time= 3.8s
[CV 5/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2206.653, test=-2698.157)
total time= 3.8s
[CV 3/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1988.769, test=-2780.535)
total time= 7.5s
[CV 1/5; 222/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 222/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1696.311, test=-2499.940)
total time= 15.2s
[CV 4/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1553.769, test=-2643.052)
total time= 19.0s
[CV 2/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10
[CV 2/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2451.084, test=-2390.080)
total time= 1.2s
[CV 3/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2330.183, test=-2809.701)
total time= 1.1s
[CV 5/5; 225/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 225/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2388.380, test=-2834.641)
total time= 1.2s
[CV 3/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2087.690, test=-2763.630)
total time= 2.2s
[CV 1/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1706.413, test=-2453.427)
total time= 5.6s
[CV 4/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1740.760, test=-2613.732)
total time= 5.8s
[CV 2/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1223.144, test=-2521.145)
total time= 11.6s
[CV 3/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-542.575, test=-2898.589)
total time= 23.1s
[CV 1/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-95.901, test=-2558.068)
total time= 58.3s
[CV 3/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-641.481, test=-2876.273)

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total time= 23.3s
[CV 1/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-99.661, test=-2587.238)
total time= 58.8s
[CV 3/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-767.326, test=-2901.011)
total time= 23.5s
[CV 1/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-204.244, test=-2601.120)
total time= 59.4s
[CV 2/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-935.839, test=-2526.596)
total time= 23.3s
[CV 5/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-695.475, test=-2845.652)
total time= 29.2s
[CV 2/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1868.236, test=-2421.920)
total time= 5.6s
[CV 5/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1802.563, test=-2745.319)
total time= 5.7s
[CV 2/5; 202/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 202/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1604.014, test=-2527.213)
total time= 19.2s
[CV 5/5; 203/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 203/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1047.401, test=-2820.536)
total time= 38.2s
[CV 3/5; 209/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

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[CV 3/5; 209/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1559.959, test=-2879.911)
total time= 19.1s
[CV 1/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2571.377, test=-2482.781)
total time= 0.8s
[CV 2/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2599.182, test=-2379.923)
total time= 0.8s
[CV 4/5; 211/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 211/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2538.947, test=-2610.738)
total time= 0.8s
[CV 1/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2461.442, test=-2434.828)
total time= 1.5s
[CV 3/5; 212/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 212/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2400.227, test=-2755.981)
total time= 1.5s
[CV 1/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2276.468, test=-2429.729)
total time= 3.8s
[CV 4/5; 213/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 213/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2258.836, test=-2521.478)
total time= 3.8s
[CV 2/5; 214/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 214/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2068.075, test=-2401.097)
total time= 8.4s
[CV 1/5; 215/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 215/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1696.311, test=-2500.316)
total time= 17.4s

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[CV 5/5; 216/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 5/5; 216/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1520.264, test=-2765.190)
total time= 19.1s

[CV 3/5; 219/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 219/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2400.227, test=-2755.981)
total time= 1.5s

[CV 1/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2276.468, test=-2428.679)
total time= 3.8s

[CV 4/5; 220/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 4/5; 220/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2258.836, test=-2521.457)
total time= 3.8s

[CV 2/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 2/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-2068.075, test=-2405.464)
total time= 7.6s

[CV 5/5; 221/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 5/5; 221/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1978.881, test=-2706.499)
total time= 7.6s

[CV 1/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 1/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-1552.484, test=-2524.124)
total time= 19.0s

[CV 4/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 4/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-1108.676, test=-2733.611)
total time= 38.5s

[CV 5/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 5/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-537.502, test=-2882.005)
total time= 23.4s

[CV 3/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 3/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,


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min_samples_split=2, n_estimators=500;; score=(train=-70.820, test=-2929.377)
total time= 58.4s
[CV 4/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-610.030, test=-2727.929)
total time= 23.2s
[CV 2/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-130.804, test=-2645.696)
total time= 58.9s
[CV 4/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-849.309, test=-2700.302)
total time= 23.7s
[CV 2/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-232.187, test=-2617.124)
total time= 59.4s
[CV 5/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-897.077, test=-2835.090)
total time= 23.4s
[CV 3/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-256.486, test=-2986.203)
total time= 58.7s
[CV 3/5; 234/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1704.104, test=-2737.821)
total time= 5.5s
[CV 1/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1221.752, test=-2486.520)
total time= 11.4s
[CV 4/5; 235/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 235/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1297.370, test=-2651.960)
total time= 11.7s
[CV 2/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200;; score=(train=-700.692, test=-2584.127)
total time= 23.4s
[CV 5/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-419.384, test=-2924.708)
total time= 28.9s
[CV 1/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1770.116, test=-2480.576)
total time= 5.5s
[CV 4/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1883.990, test=-2590.659)
total time= 5.8s
[CV 2/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1460.990, test=-2497.856)
total time= 11.6s
[CV 5/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1283.143, test=-2814.433)
total time= 11.4s
[CV 1/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-590.323, test=-2573.877)
total time= 29.1s
[CV 4/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-236.556, test=-2763.077)
total time= 59.3s
[CV 2/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-735.755, test=-2549.504)
total time= 28.6s
[CV 5/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-268.509, test=-2881.147)
total time= 58.8s
[CV 3/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 3/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-696.630, test=-2925.822)
total time= 29.0s
[CV 1/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2449.119, test=-2493.779)
total time= 1.1s
[CV 2/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2491.962, test=-2391.512)
total time= 1.1s
[CV 3/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2367.531, test=-2806.758)
total time= 1.1s
[CV 5/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2412.999, test=-2790.403)
total time= 1.2s
[CV 2/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2266.515, test=-2365.560)
total time= 2.2s
[CV 4/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2236.111, test=-2593.130)
total time= 2.2s
[CV 2/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1868.236, test=-2417.132)
total time= 5.5s
[CV 5/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1802.563, test=-2746.704)
total time= 5.6s
[CV 3/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1447.532, test=-2801.747)

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total time= 11.3s
[CV 1/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-853.255, test=-2608.461)
total time= 22.7s
[CV 3/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-696.630, test=-2923.409)
total time= 28.6s
[CV 1/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2449.119, test=-2493.763)
total time= 1.1s
[CV 2/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2491.962, test=-2395.125)
total time= 1.1s
[CV 4/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2437.550, test=-2624.731)
total time= 1.1s
[CV 1/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2261.299, test=-2461.247)
total time= 2.2s
[CV 2/5; 223/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 223/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1604.014, test=-2518.330)
total time= 19.3s
[CV 5/5; 224/2352] START learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 224/2352] END learning_rate=0.05, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1047.401, test=-2818.853)
total time= 38.5s
[CV 1/5; 230/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 230/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-439.866, test=-2555.605)
total time= 29.4s
[CV 4/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

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[CV 4/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-91.916, test=-2802.241)
total time= 58.8s
[CV 2/5; 237/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 237/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-515.923, test=-2605.024)
total time= 29.4s
[CV 5/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-95.383, test=-2943.019)
total time= 58.8s
[CV 4/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-647.007, test=-2703.750)
total time= 29.4s
[CV 3/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2379.014, test=-2796.741)
total time= 1.1s
[CV 5/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2405.228, test=-2813.412)
total time= 1.2s
[CV 2/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2286.378, test=-2355.294)
total time= 2.2s
[CV 4/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2269.430, test=-2583.456)
total time= 2.3s
[CV 2/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1903.388, test=-2397.512)
total time= 5.6s
[CV 5/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1859.058, test=-2738.859)
total time= 5.7s

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[CV 3/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1431.634, test=-2783.940)
total time= 11.4s
[CV 1/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-915.760, test=-2535.259)
total time= 23.1s
[CV 4/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-839.703, test=-2684.604)
total time= 29.5s
[CV 5/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2412.999, test=-2790.729)
total time= 1.2s
[CV 2/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2266.515, test=-2365.175)
total time= 2.2s
[CV 4/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2236.111, test=-2592.420)
total time= 2.3s
[CV 1/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1892.866, test=-2477.843)
total time= 5.5s
[CV 4/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1880.287, test=-2592.945)
total time= 5.6s
[CV 2/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1451.942, test=-2506.141)
total time= 11.6s
[CV 5/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100;; score=(train=-1368.716, test=-2792.387)
total time= 11.7s
[CV 1/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-705.635, test=-2613.471)
total time= 28.9s
[CV 4/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-265.161, test=-2803.902)
total time= 57.7s
[CV 2/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-726.780, test=-2610.680)
total time= 28.7s
[CV 5/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-234.941, test=-2886.120)
total time= 57.4s
[CV 3/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-696.630, test=-2925.926)
total time= 28.7s
[CV 1/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1288.344, test=-2816.409)
total time= 11.4s
[CV 1/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-755.141, test=-2555.941)
total time= 23.4s
[CV 3/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-570.837, test=-2934.294)
total time= 29.2s
[CV 1/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2459.283, test=-2481.385)
total time= 1.1s
[CV 2/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=10
[CV 2/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2496.476, test=-2381.553)
total time= 1.1s
[CV 4/5; 246/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 246/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2440.738, test=-2623.508)
total time= 1.1s
[CV 1/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2240.381, test=-2449.516)
total time= 2.2s
[CV 3/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2172.400, test=-2754.853)
total time= 2.2s
[CV 1/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1856.441, test=-2456.385)
total time= 5.5s
[CV 4/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1922.630, test=-2575.075)
total time= 5.8s
[CV 2/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1512.872, test=-2456.619)
total time= 11.7s
[CV 5/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1439.878, test=-2790.372)
total time= 11.6s
[CV 1/5; 251/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 251/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-753.325, test=-2545.129)
total time= 29.2s
[CV 4/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-332.789, test=-2750.571)

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total time= 59.7s
[CV 2/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-711.963, test=-2603.919)
total time= 29.0s
[CV 5/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-234.941, test=-2882.847)
total time= 57.9s
[CV 4/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-675.769, test=-2759.289)
total time= 28.9s
[CV 3/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2367.531, test=-2806.758)
total time= 1.1s
[CV 5/5; 267/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 267/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2412.999, test=-2790.614)
total time= 1.1s
[CV 2/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2266.515, test=-2370.660)
total time= 2.2s
[CV 4/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2236.111, test=-2592.851)
total time= 2.2s
[CV 2/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1868.236, test=-2424.172)
total time= 5.6s
[CV 5/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1802.563, test=-2744.807)
total time= 5.7s
[CV 3/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

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[CV 3/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1447.532, test=-2800.939)
total time= 11.6s
[CV 1/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-892.811, test=-2592.993)
total time= 23.0s
[CV 4/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-675.769, test=-2755.970)
total time= 28.5s
[CV 4/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2452.124, test=-2614.794)
total time= 1.1s
[CV 1/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2272.576, test=-2464.769)
total time= 2.2s
[CV 3/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2199.114, test=-2771.402)
total time= 2.1s
[CV 3/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2367.531, test=-2806.502)
total time= 1.1s
[CV 4/5; 253/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 253/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2437.550, test=-2624.693)
total time= 1.1s
[CV 1/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2261.299, test=-2459.478)
total time= 2.2s
[CV 3/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2155.850, test=-2778.243)
total time= 2.2s
[CV 5/5; 254/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

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[CV 5/5; 254/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2232.215, test=-2743.606)
total time= 2.3s
[CV 3/5; 255/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 255/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1808.128, test=-2776.079)
total time= 5.5s
[CV 1/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1390.124, test=-2533.077)
total time= 10.9s
[CV 4/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1379.113, test=-2674.700)
total time= 11.2s
[CV 2/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-884.410, test=-2588.026)
total time= 23.2s
[CV 5/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-624.566, test=-2857.512)
total time= 28.7s
[CV 1/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1893.031, test=-2477.603)
total time= 5.6s
[CV 4/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1880.287, test=-2591.159)
total time= 5.6s
[CV 2/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1451.942, test=-2514.211)
total time= 11.3s
[CV 5/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1368.716, test=-2792.635)
total time= 11.4s

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[CV 1/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-705.635, test=-2611.228)
total time= 28.4s
[CV 4/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-265.161, test=-2800.330)
total time= 57.7s
[CV 2/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-726.780, test=-2610.099)
total time= 28.4s
[CV 5/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-234.941, test=-2886.850)
total time= 57.4s
[CV 3/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-790.378, test=-2955.477)
total time= 28.8s
[CV 1/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2480.019, test=-2499.035)
total time= 1.1s
[CV 2/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2514.238, test=-2380.296)
total time= 1.1s
[CV 3/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2408.367, test=-2809.484)
total time= 1.1s
[CV 5/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2438.360, test=-2778.646)
total time= 1.2s
[CV 2/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=20;; score=(train=-2328.963, test=-2356.439)
total time= 2.2s
[CV 4/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2298.889, test=-2587.655)
total time= 2.2s
[CV 2/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1974.508, test=-2381.044)
total time= 5.5s
[CV 5/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1914.082, test=-2741.677)
total time= 5.6s
[CV 3/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1504.790, test=-2821.485)
total time= 11.0s
[CV 1/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1026.490, test=-2573.735)
total time= 22.3s
[CV 3/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2136.883, test=-2771.565)
total time= 2.2s
[CV 5/5; 240/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 240/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2214.277, test=-2755.292)
total time= 2.3s
[CV 3/5; 241/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 241/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1743.815, test=-2765.039)
total time= 5.6s
[CV 1/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1327.760, test=-2504.822)
total time= 11.5s
[CV 4/5; 242/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 242/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100;; score=(train=-1439.856, test=-2622.025)
total time= 11.7s
[CV 2/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-865.215, test=-2546.227)
total time= 23.7s
[CV 5/5; 244/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 244/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-604.802, test=-2874.548)
total time= 29.4s
[CV 5/5; 247/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 247/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2221.501, test=-2760.989)
total time= 2.3s
[CV 3/5; 248/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 248/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1827.976, test=-2738.599)
total time= 5.6s
[CV 1/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1453.074, test=-2498.790)
total time= 11.5s
[CV 4/5; 249/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 249/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1546.135, test=-2629.186)
total time= 11.7s
[CV 4/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1002.898, test=-2663.824)
total time= 23.6s
[CV 2/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-299.974, test=-2592.472)
total time= 58.5s
[CV 4/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-809.955, test=-2726.898)
total time= 22.9s
[CV 2/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500
[CV 2/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-231.617, test=-2671.953)
total time= 57.6s
[CV 3/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-882.349, test=-2904.060)
total time= 23.1s
[CV 2/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-212.300, test=-2667.606)
total time= 57.5s
[CV 2/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-879.132, test=-2600.118)
total time= 22.8s
[CV 5/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-624.566, test=-2853.993)
total time= 28.4s
[CV 5/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2241.232, test=-2736.308)
total time= 2.3s
[CV 3/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1836.279, test=-2803.719)
total time= 5.4s
[CV 1/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1488.871, test=-2533.605)
total time= 11.5s
[CV 4/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1466.676, test=-2631.332)
total time= 11.3s
[CV 5/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-946.471, test=-2832.666)

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total time= 22.6s
[CV 3/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-299.521, test=-3015.051)
total time= 57.3s
[CV 4/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1113.491, test=-2683.572)
total time= 22.7s
[CV 1/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-380.924, test=-2664.030)
total time= 56.4s
[CV 2/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-996.516, test=-2544.457)
total time= 22.2s
[CV 5/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-820.017, test=-2853.258)
total time= 28.2s
[CV 1/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2159.185, test=-2459.196)
total time= 2.2s
[CV 4/5; 226/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 226/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2200.011, test=-2601.570)
total time= 2.3s
[CV 2/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1766.031, test=-2446.997)
total time= 5.6s
[CV 5/5; 227/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 227/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1716.473, test=-2795.256)
total time= 5.7s
[CV 3/5; 228/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 228/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1159.819, test=-2812.800)

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total time= 11.4s
[CV 4/5; 229/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 229/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-586.885, test=-2749.539)
total time= 23.5s
[CV 2/5; 231/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 231/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-103.757, test=-2659.122)
total time= 58.8s
[CV 5/5; 236/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 236/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-540.279, test=-2917.342)
total time= 23.4s
[CV 3/5; 238/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 238/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-82.590, test=-2920.352)
total time= 58.7s
[CV 5/5; 243/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 243/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-771.070, test=-2870.847)
total time= 23.5s
[CV 3/5; 245/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 245/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-165.481, test=-2979.718)
total time= 58.1s
[CV 3/5; 250/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 250/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-925.531, test=-2895.930)
total time= 23.3s
[CV 1/5; 252/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 252/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-313.639, test=-2590.002)
total time= 58.5s
[CV 3/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-882.349, test=-2902.202)
total time= 23.2s
[CV 1/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

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[CV 1/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-271.013, test=-2658.873)
total time= 57.9s

[CV 2/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 2/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-911.804, test=-2595.879)
total time= 22.9s

[CV 1/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 1/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-297.171, test=-2652.487)
total time= 58.2s

[CV 4/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 4/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-839.212, test=-2729.860)
total time= 22.8s

[CV 2/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 2/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-259.345, test=-2673.815)
total time= 57.9s

[CV 2/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 2/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-977.153, test=-2553.268)
total time= 22.8s

[CV 5/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 5/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-739.062, test=-2823.992)
total time= 28.7s

[CV 5/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 5/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2264.481, test=-2737.360)
total time= 2.3s

[CV 3/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 3/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1923.715, test=-2764.288)
total time= 5.5s

[CV 1/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 1/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1534.929, test=-2519.784)
total time= 11.1s

[CV 4/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 4/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-1616.343, test=-2610.129) total time= 11.3s
[CV 5/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 5/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-969.688, test=-2854.733) total time= 22.5s
[CV 3/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 3/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-438.217, test=-3006.921) total time= 57.3s
[CV 5/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 5/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-987.748, test=-2839.962) total time= 22.4s
[CV 3/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 3/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-401.637, test=-3025.416) total time= 56.8s
[CV 1/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2468.143, test=-2498.772) total time= 1.1s
[CV 2/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 2/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2509.115, test=-2390.722) total time= 1.1s
[CV 3/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 3/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2389.669, test=-2804.124) total time= 1.1s
[CV 5/5; 274/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 5/5; 274/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-2420.969, test=-2788.041) total time= 1.1s
[CV 2/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 2/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-2304.366, test=-2365.809) total time= 2.2s

[CV 4/5; 275/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 275/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2257.537, test=-2580.484)
total time= 2.2s
[CV 2/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1960.383, test=-2398.210)
total time= 5.6s
[CV 5/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1833.634, test=-2755.926)
total time= 5.5s
[CV 3/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1486.110, test=-2830.815)
total time= 11.5s
[CV 1/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-999.262, test=-2595.651)
total time= 23.2s
[CV 4/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-775.762, test=-2716.097)
total time= 28.6s
[CV 4/5; 281/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 281/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2468.415, test=-2629.565)
total time= 1.1s
[CV 1/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2296.883, test=-2456.903)
total time= 2.2s
[CV 3/5; 282/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 282/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2226.100, test=-2780.470)
total time= 2.2s
[CV 1/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50;; score=(train=-1982.999, test=-2476.022)
total time= 5.6s
[CV 4/5; 283/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 283/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1973.498, test=-2580.564)
total time= 5.5s
[CV 2/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1570.318, test=-2459.083)
total time= 11.1s
[CV 5/5; 284/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 284/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1487.207, test=-2779.000)
total time= 11.2s
[CV 1/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-845.340, test=-2597.412)
total time= 27.9s
[CV 4/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-466.233, test=-2761.018)
total time= 56.8s
[CV 2/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-849.117, test=-2567.429)
total time= 27.7s
[CV 5/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-366.488, test=-2879.593)
total time= 55.9s
[CV 3/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-870.296, test=-2958.275)
total time= 28.2s
[CV 1/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2480.019, test=-2499.140)
total time= 1.1s
[CV 2/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=10
[CV 2/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2514.238, test=-2387.122)
total time= 1.1s
[CV 3/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2408.367, test=-2809.268)
total time= 1.1s
[CV 5/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2438.360, test=-2778.646)
total time= 1.2s
[CV 2/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2328.963, test=-2357.311)
total time= 2.2s
[CV 5/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2264.481, test=-2737.149)
total time= 2.3s
[CV 3/5; 256/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 256/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1447.532, test=-2804.444)
total time= 11.6s
[CV 1/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-892.811, test=-2595.946)
total time= 23.5s
[CV 4/5; 258/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 258/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-675.769, test=-2752.270)
total time= 28.7s
[CV 4/5; 260/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 260/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2437.550, test=-2624.730)
total time= 1.1s
[CV 1/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2261.299, test=-2458.554)

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total time= 2.2s
[CV 3/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2155.850, test=-2777.145)
total time= 2.1s
[CV 5/5; 261/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 261/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2232.215, test=-2744.285)
total time= 2.3s
[CV 3/5; 262/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 262/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1808.128, test=-2775.482)
total time= 5.5s
[CV 1/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1380.652, test=-2519.263)
total time= 11.2s
[CV 4/5; 263/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 263/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1392.966, test=-2676.093)
total time= 11.3s
[CV 4/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-809.955, test=-2726.694)
total time= 22.7s
[CV 5/5; 265/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 265/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-624.566, test=-2857.520)
total time= 28.8s
[CV 5/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2232.215, test=-2743.232)
total time= 2.3s
[CV 3/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1808.128, test=-2776.837)
total time= 5.6s
[CV 1/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

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[CV 1/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1389.270, test=-2531.126)
total time= 11.5s
[CV 4/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1392.966, test=-2675.613)
total time= 11.2s
[CV 5/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-800.277, test=-2839.201)
total time= 22.5s
[CV 3/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-212.635, test=-2965.450)
total time= 57.5s
[CV 4/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-920.983, test=-2692.108)
total time= 22.4s
[CV 1/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-344.729, test=-2661.813)
total time= 57.7s
[CV 3/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1062.927, test=-2911.089)
total time= 22.8s
[CV 2/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-413.279, test=-2619.245)
total time= 56.4s
[CV 3/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1062.927, test=-2911.098)
total time= 22.6s
[CV 1/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-380.924, test=-2664.080)
total time= 56.0s

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[CV 2/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 2/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-990.220, test=-2545.786) total time= 21.8s

[CV 5/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 5/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-820.017, test=-2858.694) total time= 28.2s

[CV 4/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 4/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2298.889, test=-2587.985) total time= 2.2s

[CV 2/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 2/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1974.423, test=-2382.635) total time= 5.5s

[CV 5/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 3/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 3/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-870.296, test=-2962.471) total time= 28.4s

[CV 1/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 1/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2480.019, test=-2498.779) total time= 1.1s

[CV 3/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 3/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2408.367, test=-2809.268) total time= 1.1s

[CV 5/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 5/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2438.360, test=-2778.646) total time= 1.2s

[CV 2/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 2/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2328.963, test=-2357.819) total time= 2.2s

[CV 4/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20
[CV 4/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2298.889, test=-2587.825)
total time= 2.2s
[CV 2/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1974.422, test=-2385.213)
total time= 5.4s
[CV 5/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1914.082, test=-2743.170)
total time= 5.6s
[CV 3/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1504.790, test=-2822.740)
total time= 11.0s
[CV 1/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1026.490, test=-2578.835)
total time= 22.2s
[CV 4/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-970.747, test=-2700.789)
total time= 28.4s
[CV 3/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2408.367, test=-2809.484)
total time= 1.1s
[CV 5/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2438.360, test=-2778.646)
total time= 1.1s
[CV 2/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2328.963, test=-2350.980)
total time= 2.2s
[CV 4/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2298.889, test=-2587.831)

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total time= 2.2s
[CV 2/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1974.422, test=-2386.194)
total time= 5.4s
[CV 5/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1914.082, test=-2742.491)
total time= 5.6s
[CV 3/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1504.790, test=-2821.164)
total time= 11.0s
[CV 1/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1026.490, test=-2575.746)
total time= 22.4s
[CV 4/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-970.747, test=-2699.783)
total time= 28.3s
[CV 4/5; 302/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 302/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2468.415, test=-2629.546)
total time= 1.1s
[CV 1/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2296.883, test=-2455.885)
total time= 2.2s
[CV 3/5; 303/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 303/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2226.100, test=-2781.102)
total time= 2.1s
[CV 1/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1982.999, test=-2475.923)
total time= 5.5s
[CV 4/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

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[CV 4/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=50;; score=(train=-1973.498, test=-2581.590)
 total time= 5.4s
 [CV 2/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100
 [CV 2/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100;; score=(train=-1580.783, test=-2452.874)
 total time= 11.0s
 [CV 5/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100
 [CV 5/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=100;; score=(train=-1492.994, test=-2783.615)
 total time= 11.0s
 [CV 1/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=250
 [CV 1/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=250;; score=(train=-862.919, test=-2602.078)
 total time= 27.8s
 [CV 4/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=15, n_estimators=500
 [CV 3/5; 268/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=20
 [CV 3/5; 268/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=20;; score=(train=-2155.850, test=-2775.459)
 total time= 2.1s
 [CV 1/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=50
 [CV 1/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=50;; score=(train=-1893.031, test=-2480.159)
 total time= 5.5s
 [CV 4/5; 269/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=50
 [CV 4/5; 269/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=50;; score=(train=-1880.287, test=-2591.631)
 total time= 5.6s
 [CV 2/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100
 [CV 2/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100;; score=(train=-1451.943, test=-2514.239)
 total time= 11.3s
 [CV 5/5; 270/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100
 [CV 5/5; 270/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100;; score=(train=-1368.716, test=-2793.554)
 total time= 11.5s
 [CV 1/5; 272/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
 min_samples_split=10, n_estimators=250
 [CV 1/5; 272/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250;; score=(train=-683.539, test=-2639.736)
total time= 28.9s
[CV 4/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-265.161, test=-2798.924)
total time= 58.1s
[CV 2/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-750.414, test=-2578.796)
total time= 28.3s
[CV 5/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-321.399, test=-2880.082)
total time= 57.6s
[CV 4/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-970.747, test=-2702.023)
total time= 28.4s
[CV 2/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2514.238, test=-2382.526)
total time= 1.1s
[CV 4/5; 288/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 288/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2468.415, test=-2629.583)
total time= 1.1s
[CV 1/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2296.883, test=-2456.819)
total time= 2.2s
[CV 3/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2226.100, test=-2781.102)
total time= 2.1s
[CV 1/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1982.999, test=-2476.334)
total time= 5.4s
[CV 4/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 4/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1973.498, test=-2581.307)
total time= 5.4s
[CV 2/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1570.318, test=-2452.542)
total time= 11.0s
[CV 5/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1487.207, test=-2778.756)
total time= 11.0s
[CV 1/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-858.332, test=-2592.522)
total time= 27.7s
[CV 4/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-466.233, test=-2764.430)
total time= 56.6s
[CV 2/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-855.189, test=-2559.046)
total time= 28.1s
[CV 5/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-370.598, test=-2898.767)
total time= 56.8s
[CV 3/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-902.988, test=-2928.387)
total time= 28.5s
[CV 1/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2486.356, test=-2487.369)
total time= 1.1s
[CV 2/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2528.168, test=-2381.553)

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total time= 1.1s
[CV 4/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2474.834, test=-2628.238)
total time= 1.1s
[CV 1/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2302.038, test=-2450.373)
total time= 2.1s
[CV 3/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2255.328, test=-2761.200)
total time= 2.1s
[CV 1/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1932.206, test=-2475.791)
total time= 5.6s
[CV 4/5; 276/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 276/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1927.425, test=-2595.040)
total time= 5.6s
[CV 2/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1571.367, test=-2478.985)
total time= 11.8s
[CV 5/5; 277/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 277/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1396.678, test=-2778.570)
total time= 11.0s
[CV 1/5; 279/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 279/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-774.698, test=-2611.206)
total time= 28.3s
[CV 4/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-379.551, test=-2766.224)
total time= 57.7s

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[CV 2/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250
 [CV 2/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250;; score=(train=-836.980, test=-2577.513)
 total time= 27.9s
 [CV 5/5; 287/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500
 [CV 5/5; 287/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=2, n_estimators=500;; score=(train=-366.488, test=-2879.820)
 total time= 56.2s
 [CV 3/5; 293/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=250
 [CV 3/5; 293/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=5, n_estimators=250;; score=(train=-870.296, test=-2959.409)
 total time= 28.2s
 [CV 1/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 1/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2480.019, test=-2498.893)
 total time= 1.1s
 [CV 2/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 2/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2514.238, test=-2386.996)
 total time= 1.1s
 [CV 4/5; 295/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 4/5; 295/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2468.415, test=-2629.487)
 total time= 1.1s
 [CV 1/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20
 [CV 1/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20;; score=(train=-2296.883, test=-2456.568)
 total time= 2.2s
 [CV 3/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20
 [CV 3/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20;; score=(train=-2226.100, test=-2780.232)
 total time= 2.1s
 [CV 1/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50
 [CV 1/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50;; score=(train=-1982.999, test=-2474.437)
 total time= 5.5s
 [CV 4/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50
 [CV 4/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,


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min_samples_split=10, n_estimators=50;; score=(train=-1973.498, test=-2580.558)
total time= 5.5s
[CV 2/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1572.646, test=-2448.212)
total time= 11.1s
[CV 5/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1487.207, test=-2780.192)
total time= 11.1s
[CV 1/5; 300/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 300/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-858.332, test=-2590.642)
total time= 27.8s
[CV 4/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-466.233, test=-2761.623)
total time= 56.5s
[CV 2/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-814.227, test=-2564.851)
total time= 27.7s
[CV 5/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-366.488, test=-2879.852)
total time= 56.5s
[CV 3/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-993.320, test=-2920.445)
total time= 28.0s
[CV 1/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2486.356, test=-2488.415)
total time= 1.1s
[CV 2/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2528.168, test=-2386.430)
total time= 1.1s
[CV 4/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10
[CV 4/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2474.834, test=-2628.164)
total time= 1.1s
[CV 1/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2302.038, test=-2449.887)
total time= 2.1s
[CV 3/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2255.328, test=-2761.590)
total time= 2.1s
[CV 1/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1914.082, test=-2741.029)
total time= 5.6s
[CV 3/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1504.790, test=-2822.727)
total time= 11.1s
[CV 1/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1034.977, test=-2577.398)
total time= 22.5s
[CV 4/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-970.747, test=-2700.913)
total time= 28.7s
[CV 3/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2425.641, test=-2804.236)
total time= 1.1s
[CV 5/5; 309/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 309/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2436.372, test=-2779.354)
total time= 1.1s
[CV 2/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2354.919, test=-2345.753)

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total time= 2.2s
[CV 4/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2303.035, test=-2590.017)
total time= 2.1s
[CV 2/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2063.953, test=-2394.400)
total time= 5.5s
[CV 5/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1953.872, test=-2721.076)
total time= 5.5s
[CV 3/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1639.762, test=-2807.997)
total time= 11.1s
[CV 1/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1141.669, test=-2587.037)
total time= 22.0s
[CV 4/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1013.329, test=-2728.570)
total time= 27.7s
[CV 3/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2425.641, test=-2803.821)
total time= 1.1s
[CV 5/5; 316/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 316/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2436.372, test=-2779.354)
total time= 1.1s
[CV 2/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2354.919, test=-2351.518)
total time= 2.1s
[CV 4/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

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[CV 4/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2303.035, test=-2590.362)
total time= 2.1s
[CV 2/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2063.953, test=-2396.016)
total time= 5.5s
[CV 5/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1953.872, test=-2721.257)
total time= 5.5s
[CV 3/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1635.957, test=-2813.340)
total time= 11.1s
[CV 1/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1141.669, test=-2587.241)
total time= 22.1s
[CV 4/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1013.329, test=-2728.139)
total time= 28.0s
[CV 3/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2425.641, test=-2804.236)
total time= 1.1s
[CV 5/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2436.372, test=-2779.354)
total time= 1.1s
[CV 2/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2354.919, test=-2349.047)
total time= 2.2s
[CV 5/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2276.046, test=-2723.101)
total time= 2.2s

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[CV 3/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1978.490, test=-2758.284)
total time= 5.5s
[CV 1/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1609.704, test=-2498.963)
total time= 10.9s
[CV 4/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1652.335, test=-2640.271)
total time= 11.0s
[CV 5/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-969.688, test=-2850.956)
total time= 22.3s
[CV 2/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-406.164, test=-2593.127)
total time= 55.7s
[CV 2/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-990.220, test=-2544.465)
total time= 21.7s
[CV 5/5; 307/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 307/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-823.683, test=-2868.771)
total time= 28.3s
[CV 5/5; 310/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 310/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2276.046, test=-2722.809)
total time= 2.2s
[CV 3/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1982.677, test=-2759.887)
total time= 5.4s
[CV 1/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100;; score=(train=-1609.704, test=-2503.196)
total time= 10.8s
[CV 4/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1652.335, test=-2639.762)
total time= 11.0s
[CV 4/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1177.983, test=-2709.652)
total time= 21.9s
[CV 1/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-465.855, test=-2668.806)
total time= 55.5s
[CV 2/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1166.540, test=-2564.713)
total time= 22.1s
[CV 5/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-933.179, test=-2844.791)
total time= 27.8s
[CV 4/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2303.035, test=-2589.986)
total time= 2.1s
[CV 2/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2063.953, test=-2396.253)
total time= 5.5s
[CV 5/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1953.872, test=-2719.681)
total time= 5.5s
[CV 3/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1635.957, test=-2816.305)
total time= 11.0s
[CV 1/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200
[CV 1/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1141.669, test=-2587.685)
total time= 21.9s
[CV 4/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1013.329, test=-2729.019)
total time= 27.7s
[CV 2/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2528.168, test=-2381.609)
total time= 1.2s
[CV 5/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2436.372, test=-2779.354)
total time= 1.1s
[CV 2/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2354.919, test=-2345.432)
total time= 2.2s
[CV 4/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2303.035, test=-2590.146)
total time= 2.1s
[CV 2/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2063.953, test=-2393.739)
total time= 5.5s
[CV 5/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1953.872, test=-2721.573)
total time= 5.4s
[CV 3/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1621.842, test=-2814.752)
total time= 11.1s
[CV 1/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1141.669, test=-2586.170)

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total time= 22.2s
[CV 4/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1013.329, test=-2729.290)
total time= 27.8s
[CV 2/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2592.448, test=-2345.648)
total time= 0.5s
[CV 5/5; 257/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 257/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-800.277, test=-2842.920)
total time= 22.8s
[CV 3/5; 259/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 259/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-229.851, test=-2989.292)
total time= 57.4s
[CV 5/5; 264/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 264/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-800.277, test=-2841.787)
total time= 23.0s
[CV 3/5; 266/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 266/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-212.635, test=-2962.741)
total time= 57.4s
[CV 3/5; 271/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 271/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-882.349, test=-2901.652)
total time= 23.1s
[CV 1/5; 273/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 273/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-273.873, test=-2654.227)
total time= 58.4s
[CV 3/5; 278/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 278/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-971.246, test=-2922.273)
total time= 22.8s
[CV 2/5; 280/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 2/5; 280/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-301.128, test=-2632.558)
total time= 57.2s

[CV 2/5; 285/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 285/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1053.979, test=-2534.962)
total time= 22.5s

[CV 5/5; 286/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 5/5; 286/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-823.683, test=-2870.965)
total time= 28.1s

[CV 5/5; 289/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 5/5; 289/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2264.481, test=-2737.821)
total time= 2.3s

[CV 3/5; 290/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 3/5; 290/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1923.715, test=-2763.227)
total time= 5.4s

[CV 1/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 1/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1534.929, test=-2520.112)
total time= 11.0s

[CV 4/5; 291/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 4/5; 291/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1616.343, test=-2611.956)
total time= 11.2s

[CV 4/5; 292/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 4/5; 292/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1113.491, test=-2682.333)
total time= 22.6s

[CV 2/5; 294/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 2/5; 294/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-368.458, test=-2619.356)
total time= 56.0s

[CV 3/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 3/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1062.927, test=-2914.045)
total time= 22.5s

[CV 1/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 1/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-423.831, test=-2654.665) total time= 57.2s
[CV 4/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 4/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-1113.491, test=-2686.077) total time= 22.7s
[CV 3/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 3/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-401.637, test=-3023.139) total time= 57.0s
[CV 5/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 5/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-1083.168, test=-2833.451) total time= 22.3s
[CV 3/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 3/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-544.990, test=-2996.618) total time= 56.7s
[CV 5/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 5/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1083.168, test=-2829.215) total time= 22.3s
[CV 3/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 3/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-507.574, test=-3005.717) total time= 55.9s
[CV 5/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 5/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1083.168, test=-2832.106) total time= 22.2s
[CV 3/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 3/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-544.990, test=-2995.518) total time= 56.9s
[CV 5/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 5/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-1083.168, test=-2831.540)
total time= 22.3s
[CV 3/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-500.451, test=-2977.291)
total time= 55.9s
[CV 5/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 296/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 296/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2264.481, test=-2738.150)
total time= 2.3s
[CV 3/5; 297/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 297/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1923.715, test=-2764.441)
total time= 5.4s
[CV 1/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1534.929, test=-2520.409)
total time= 11.1s
[CV 4/5; 298/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 298/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1616.343, test=-2611.783)
total time= 11.7s
[CV 4/5; 299/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 299/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1113.491, test=-2681.346)
total time= 22.7s
[CV 3/5; 301/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 301/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-401.637, test=-3021.050)
total time= 56.2s
[CV 5/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-987.748, test=-2841.700)
total time= 22.2s
[CV 2/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-368.458, test=-2622.342)

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total time= 56.2s
[CV 3/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1158.705, test=-2895.571)
total time= 22.5s
[CV 2/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-501.157, test=-2671.428)
total time= 55.6s
[CV 3/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1158.705, test=-2898.266)
total time= 22.3s
[CV 1/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-465.855, test=-2668.419)
total time= 55.6s
[CV 2/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1166.540, test=-2564.460)
total time= 22.2s
[CV 5/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-933.179, test=-2844.686)
total time= 27.9s
[CV 5/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2276.046, test=-2723.361)
total time= 2.2s
[CV 3/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1982.061, test=-2766.619)
total time= 5.4s
[CV 1/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1609.704, test=-2502.997)
total time= 10.8s
[CV 4/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

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[CV 4/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1652.335, test=-2639.562)
total time= 11.2s

[CV 4/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 4/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1177.983, test=-2707.834)
total time= 22.3s

[CV 2/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 2/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-501.157, test=-2665.962)
total time= 55.6s

[CV 3/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 3/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1796.040, test=-2897.130)
total time= 12.5s

[CV 1/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 1/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2564.192, test=-2444.490)
total time= 0.5s

[CV 2/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 2/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2592.448, test=-2341.464)
total time= 0.5s

[CV 3/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 3/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s

[CV 5/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 5/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2493.099, test=-2748.753)
total time= 0.5s

[CV 2/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 2/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2518.900, test=-2312.706)
total time= 1.0s

[CV 5/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 5/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2421.719, test=-2713.565)
total time= 1.0s

[CV 3/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 3/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-2313.060, test=-2755.781)
total time= 2.5s
[CV 1/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 4/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-466.233, test=-2761.968)
total time= 57.0s
[CV 2/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 2/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-999.109, test=-2591.691)
total time= 27.6s
[CV 5/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 5/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-494.598, test=-2892.055)
total time= 56.3s
[CV 3/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 3/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-974.878, test=-2915.787)
total time= 27.8s
[CV 1/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 1/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2486.356, test=-2487.217)
total time= 1.1s
[CV 2/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 2/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2528.168, test=-2386.846)
total time= 1.1s
[CV 4/5; 323/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 4/5; 323/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2474.834, test=-2628.321)
total time= 1.1s
[CV 1/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 1/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2302.038, test=-2450.440)
total time= 2.1s
[CV 3/5; 324/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 3/5; 324/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20;; score=(train=-2255.328, test=-2761.175)
total time= 2.1s
[CV 1/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1977.028, test=-2464.027)
total time= 5.3s
[CV 4/5; 325/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 325/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2013.097, test=-2581.012)
total time= 5.3s
[CV 2/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1718.323, test=-2497.008)
total time= 11.0s
[CV 5/5; 326/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 326/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1547.383, test=-2790.841)
total time= 10.8s
[CV 1/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-955.917, test=-2614.370)
total time= 27.1s
[CV 4/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-539.389, test=-2792.497)
total time= 56.1s
[CV 2/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-999.109, test=-2587.162)
total time= 27.8s
[CV 5/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-494.598, test=-2894.087)
total time= 56.5s
[CV 4/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2465.869, test=-2561.016)
total time= 1.0s
[CV 2/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50
[CV 2/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2394.367, test=-2351.617)
total time= 2.5s
[CV 5/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2301.977, test=-2719.808)
total time= 2.5s
[CV 3/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2160.790, test=-2797.119)
total time= 4.9s
[CV 1/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1899.062, test=-2447.226)
total time= 9.8s
[CV 3/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1805.032, test=-2889.176)
total time= 12.3s
[CV 1/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2564.192, test=-2444.490)
total time= 0.5s
[CV 2/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2592.448, test=-2340.782)
total time= 0.5s
[CV 4/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 1/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2490.266, test=-2411.125)
total time= 1.0s
[CV 4/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2467.561, test=-2555.966)

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total time= 1.0s
[CV 2/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 304/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 304/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1923.715, test=-2763.541)
total time= 5.5s
[CV 1/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1534.929, test=-2521.660)
total time= 11.1s
[CV 4/5; 305/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 305/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1616.343, test=-2609.873)
total time= 11.3s
[CV 3/5; 306/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 306/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1062.927, test=-2912.457)
total time= 22.7s
[CV 1/5; 308/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 308/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-380.924, test=-2666.524)
total time= 56.4s
[CV 2/5; 313/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 313/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1166.540, test=-2564.647)
total time= 22.1s
[CV 5/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-933.179, test=-2846.855)
total time= 27.8s
[CV 5/5; 317/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 317/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2276.046, test=-2723.083)
total time= 2.2s
[CV 3/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1982.061, test=-2765.601)
total time= 5.4s

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[CV 1/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 1/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-1609.704, test=-2503.595) total time= 10.9s

[CV 4/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 4/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-1652.335, test=-2638.844) total time= 11.0s

[CV 4/5; 320/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 4/5; 320/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1177.983, test=-2708.524) total time= 22.0s

[CV 2/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 2/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-501.157, test=-2667.055) total time= 55.5s

[CV 3/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 3/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1158.705, test=-2896.299) total time= 22.4s

[CV 1/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 1/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-465.855, test=-2669.100) total time= 55.2s

[CV 2/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 2/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-1166.540, test=-2565.456) total time= 22.3s

[CV 5/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 5/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-933.179, test=-2845.439) total time= 28.0s

[CV 3/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 3/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-2313.669, test=-2759.268) total time= 2.5s

[CV 1/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 1/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100;; score=(train=-2178.907, test=-2433.112)
total time= 5.0s
[CV 4/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2210.100, test=-2586.306)
total time= 5.0s
[CV 2/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1973.694, test=-2492.935)
total time= 10.0s
[CV 5/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1871.080, test=-2776.141)
total time= 10.1s
[CV 1/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1386.531, test=-2527.226)
total time= 24.5s
[CV 2/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1971.205, test=-2498.581)
total time= 9.7s
[CV 5/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1767.640, test=-2790.001)
total time= 12.1s
[CV 3/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2426.367, test=-2743.846)
total time= 1.0s
[CV 1/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2370.947, test=-2413.546)
total time= 2.4s
[CV 4/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2374.137, test=-2552.813)
total time= 2.5s
[CV 1/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50;; score=(train=-1984.359, test=-2465.629)
total time= 5.4s
[CV 4/5; 311/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 311/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2013.097, test=-2580.191)
total time= 5.4s
[CV 2/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1718.323, test=-2494.227)
total time= 11.2s
[CV 5/5; 312/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 312/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1547.383, test=-2790.754)
total time= 10.9s
[CV 1/5; 314/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 314/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-955.917, test=-2616.781)
total time= 27.5s
[CV 4/5; 315/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 315/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-539.389, test=-2793.579)
total time= 55.8s
[CV 2/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-999.109, test=-2588.740)
total time= 27.7s
[CV 5/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-494.598, test=-2895.403)
total time= 56.1s
[CV 3/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-993.320, test=-2919.229)
total time= 27.8s
[CV 1/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2486.356, test=-2487.689)
total time= 1.1s
[CV 3/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10
[CV 3/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2425.641, test=-2804.351)
total time= 1.1s
[CV 4/5; 330/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 330/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2474.834, test=-2628.230)
total time= 1.1s
[CV 1/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2302.038, test=-2451.013)
total time= 2.1s
[CV 3/5; 331/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 331/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2255.328, test=-2761.421)
total time= 2.1s
[CV 1/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1984.359, test=-2463.624)
total time= 5.3s
[CV 4/5; 332/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 332/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2013.097, test=-2579.812)
total time= 5.4s
[CV 2/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1718.323, test=-2498.370)
total time= 11.0s
[CV 5/5; 333/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 333/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1547.383, test=-2791.848)
total time= 10.9s
[CV 1/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-955.917, test=-2613.475)
total time= 27.5s
[CV 4/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-539.389, test=-2793.796)

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total time= 55.8s
[CV 3/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1406.818, test=-3015.080)
total time= 24.7s
[CV 1/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1797.424, test=-2455.658)
total time= 12.3s
[CV 4/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1399.554, test=-2700.003)
total time= 24.7s
[CV 2/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1910.026, test=-2510.429)
total time= 12.4s
[CV 5/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1382.228, test=-2842.781)
total time= 24.5s
[CV 4/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1882.857, test=-2614.380)
total time= 12.2s
[CV 4/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 2/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2518.027, test=-2311.896)
total time= 1.0s
[CV 5/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s

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[CV 1/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 1/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-2489.141, test=-2410.440) total time= 1.0s
[CV 3/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-2424.479, test=-2744.229) total time= 1.0s
[CV 5/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 5/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-2421.719, test=-2713.033) total time= 1.0s
[CV 2/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 2/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-2393.503, test=-2349.657) total time= 2.5s
[CV 5/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 5/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-2303.464, test=-2712.647) total time= 2.5s
[CV 3/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 3/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-2152.185, test=-2807.035) total time= 5.0s
[CV 1/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 1/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-1896.169, test=-2460.926) total time= 9.8s
[CV 4/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 4/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-1921.496, test=-2644.352) total time= 9.8s
[CV 4/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 4/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-1819.954, test=-2653.906) total time= 12.2s
[CV 5/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 5/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500;; score=(train=-1359.395, test=-2853.164)
total time= 24.5s
[CV 4/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1833.035, test=-2641.394)
total time= 12.2s
[CV 3/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 5/5; 351/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 351/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2493.661, test=-2748.672)
total time= 0.5s
[CV 2/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2518.902, test=-2312.494)
total time= 1.0s
[CV 5/5; 352/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 352/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2422.756, test=-2713.545)
total time= 1.0s
[CV 3/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2315.568, test=-2754.187)
total time= 2.5s
[CV 1/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2196.239, test=-2428.839)
total time= 4.9s
[CV 4/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2241.005, test=-2579.536)
total time= 4.9s
[CV 3/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1926.692, test=-2843.862)
total time= 9.8s
[CV 1/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500
[CV 1/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1415.897, test=-2537.472)
total time= 24.5s
[CV 2/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-2015.880, test=-2474.811)
total time= 9.9s
[CV 5/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1814.778, test=-2781.184)
total time= 12.3s
[CV 5/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2500.867, test=-2733.819)
total time= 0.5s
[CV 3/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2425.626, test=-2743.212)
total time= 1.0s
[CV 1/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2387.277, test=-2407.548)
total time= 2.4s
[CV 4/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2357.163, test=-2555.328)
total time= 2.5s
[CV 2/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2235.146, test=-2401.694)
total time= 4.9s
[CV 1/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1984.359, test=-2465.335)
total time= 5.3s
[CV 4/5; 318/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 318/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2013.097, test=-2579.733)
total time= 5.4s
[CV 2/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=100
[CV 2/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1718.323, test=-2497.075)
total time= 11.1s
[CV 5/5; 319/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 319/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1547.383, test=-2790.411)
total time= 11.0s
[CV 1/5; 321/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 321/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-955.917, test=-2612.256)
total time= 27.6s
[CV 4/5; 322/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 322/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-539.389, test=-2795.628)
total time= 56.3s
[CV 2/5; 328/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 328/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-999.109, test=-2594.255)
total time= 27.8s
[CV 5/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-494.598, test=-2893.797)
total time= 56.7s
[CV 3/5; 335/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 335/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-993.320, test=-2920.929)
total time= 28.2s
[CV 1/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2564.192, test=-2444.490)
total time= 0.5s
[CV 3/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 5/5; 337/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 337/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2493.099, test=-2748.753)

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total time= 0.5s
[CV 2/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2518.900, test=-2312.495)
total time= 1.0s
[CV 4/5; 338/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 338/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2465.869, test=-2561.016)
total time= 1.0s
[CV 1/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2366.424, test=-2411.013)
total time= 2.5s
[CV 4/5; 339/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 339/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2368.931, test=-2566.414)
total time= 2.6s
[CV 2/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2239.505, test=-2416.225)
total time= 5.0s
[CV 5/5; 340/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 340/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2127.481, test=-2747.522)
total time= 5.0s
[CV 3/5; 341/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 341/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1905.574, test=-2861.605)
total time= 10.0s
[CV 1/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1790.797, test=-2462.774)
total time= 12.5s
[CV 2/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1413.335, test=-2657.695)
total time= 24.6s
[CV 5/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

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[CV 5/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1884.732, test=-2772.862)
total time= 10.0s
[CV 3/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1407.166, test=-2980.020)
total time= 24.7s
[CV 1/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1829.496, test=-2475.208)
total time= 12.3s
[CV 4/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1454.121, test=-2700.412)
total time= 24.8s
[CV 2/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1919.726, test=-2503.403)
total time= 12.5s
[CV 5/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1449.661, test=-2841.946)
total time= 24.5s
[CV 3/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1836.502, test=-2854.752)
total time= 12.2s
[CV 1/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 327/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 327/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1177.983, test=-2710.005)
total time= 22.2s
[CV 2/5; 329/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 329/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-501.157, test=-2664.961)
total time= 55.0s
[CV 3/5; 334/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 334/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-1158.705, test=-2895.746)
total time= 22.2s
[CV 1/5; 336/2352] START learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 336/2352] END learning_rate=0.05, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-465.855, test=-2670.153)
total time= 55.2s
[CV 2/5; 342/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1862.558, test=-2530.475)
total time= 12.3s
[CV 4/5; 343/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 343/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1395.102, test=-2722.563)
total time= 24.5s
[CV 2/5; 349/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 349/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1866.833, test=-2535.166)
total time= 12.3s
[CV 5/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1351.528, test=-2869.025)
total time= 24.4s
[CV 4/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1861.153, test=-2627.003)
total time= 12.3s
[CV 2/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2592.448, test=-2344.892)
total time= 0.5s
[CV 4/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 1/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2490.266, test=-2411.004)
total time= 1.0s
[CV 4/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=20
[CV 4/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2467.561, test=-2555.966)
total time= 1.0s
[CV 2/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2404.096, test=-2354.897)
total time= 2.5s
[CV 5/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2302.941, test=-2713.612)
total time= 2.5s
[CV 3/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2184.972, test=-2776.086)
total time= 5.0s
[CV 1/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1954.877, test=-2423.449)
total time= 9.8s
[CV 3/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1867.979, test=-2824.651)
total time= 12.3s
[CV 1/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2571.740, test=-2442.857)
total time= 0.5s
[CV 2/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2592.448, test=-2344.232)
total time= 0.5s
[CV 3/5; 365/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 365/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 1/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2499.611, test=-2400.428)

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total time= 1.0s
[CV 4/5; 366/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2464.606, test=-2555.428)
total time= 1.0s
[CV 2/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2391.192, test=-2346.221)
total time= 2.4s
[CV 5/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2313.110, test=-2687.012)
total time= 2.5s
[CV 3/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2167.377, test=-2793.716)
total time= 5.1s
[CV 1/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1951.866, test=-2434.758)
total time= 9.6s
[CV 4/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1827.760, test=-2632.112)
total time= 12.1s
[CV 2/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2404.194, test=-2348.290)
total time= 2.5s
[CV 5/5; 353/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 353/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2302.877, test=-2722.833)
total time= 2.5s
[CV 3/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2179.110, test=-2791.450)
total time= 4.9s
[CV 1/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1934.314, test=-2456.171)

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total time= 9.7s
[CV 3/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1823.159, test=-2870.564)
total time= 12.3s
[CV 1/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2564.192, test=-2444.490)
total time= 0.5s
[CV 3/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 5/5; 358/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 358/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2493.661, test=-2748.672)
total time= 0.5s
[CV 3/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2426.367, test=-2743.846)
total time= 1.0s
[CV 1/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2374.362, test=-2415.706)
total time= 2.4s
[CV 4/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2370.593, test=-2558.551)
total time= 2.5s
[CV 2/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2268.893, test=-2416.211)
total time= 4.6s
[CV 5/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2154.974, test=-2733.072)
total time= 5.0s
[CV 1/5; 363/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 1/5; 363/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1853.130, test=-2435.427)
total time= 12.4s

[CV 4/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 4/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1506.889, test=-2677.374)
total time= 24.7s

[CV 2/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 2/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1875.728, test=-2513.972)
total time= 12.1s

[CV 5/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 5/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1423.451, test=-2779.608)
total time= 24.1s

[CV 3/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 3/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1836.502, test=-2856.538)
total time= 12.1s

[CV 1/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 1/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2571.740, test=-2442.805)
total time= 0.5s

[CV 2/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 2/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2592.448, test=-2344.903)
total time= 0.5s

[CV 3/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 3/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s

[CV 4/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 4/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s

[CV 5/5; 379/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 5/5; 379/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2500.867, test=-2733.819)
total time= 0.5s

[CV 2/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 2/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2518.027, test=-2310.093) total time= 1.0s
[CV 4/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 4/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2464.606, test=-2555.428) total time= 1.0s
[CV 2/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 2/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-2391.192, test=-2349.122) total time= 2.4s
[CV 5/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 5/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-2313.110, test=-2685.288) total time= 2.5s
[CV 3/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 3/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-2167.377, test=-2794.225) total time= 4.9s
[CV 1/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 5/5; 342/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-1769.432, test=-2791.223) total time= 12.3s
[CV 4/5; 344/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 4/5; 344/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2533.276, test=-2592.850) total time= 0.5s
[CV 1/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 1/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2489.141, test=-2410.441) total time= 1.0s
[CV 3/5; 345/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 3/5; 345/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-2424.479, test=-2744.229) total time= 1.0s
[CV 1/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 1/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50;; score=(train=-2366.424, test=-2410.724)
total time= 2.5s
[CV 4/5; 346/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 346/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2369.000, test=-2566.410)
total time= 2.5s
[CV 2/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2249.605, test=-2419.294)
total time= 5.0s
[CV 5/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2138.747, test=-2754.667)
total time= 4.9s
[CV 4/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1937.735, test=-2625.005)
total time= 9.7s
[CV 2/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1429.921, test=-2634.441)
total time= 24.7s
[CV 4/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1963.385, test=-2611.172)
total time= 9.9s
[CV 2/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1479.190, test=-2625.800)
total time= 24.8s
[CV 5/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1902.983, test=-2763.828)
total time= 9.9s
[CV 3/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1486.063, test=-2952.811)
total time= 24.7s
[CV 4/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200
[CV 4/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1948.048, test=-2610.208)
total time= 9.7s
[CV 1/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1489.278, test=-2492.338)
total time= 24.0s
[CV 2/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1981.187, test=-2482.852)
total time= 9.7s
[CV 5/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1797.641, test=-2735.877)
total time= 12.1s
[CV 5/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2428.208, test=-2689.275)
total time= 1.0s
[CV 3/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2316.091, test=-2755.524)
total time= 2.4s
[CV 1/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2218.100, test=-2423.104)
total time= 4.8s
[CV 4/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2204.393, test=-2566.558)
total time= 4.8s
[CV 2/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1981.187, test=-2474.436)
total time= 9.8s
[CV 5/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1797.641, test=-2733.220)

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total time= 12.1s
[CV 3/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2425.626, test=-2743.212)
total time= 1.0s
[CV 1/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2387.358, test=-2408.249)
total time= 2.4s
[CV 4/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2359.171, test=-2547.133)
total time= 2.4s
[CV 2/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2238.714, test=-2391.294)
total time= 4.9s
[CV 5/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2571.740, test=-2442.805)
total time= 0.5s
[CV 2/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2592.448, test=-2340.782)
total time= 0.5s
[CV 3/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 4/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 1/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2499.611, test=-2400.461)
total time= 1.0s
[CV 3/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

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[CV 3/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2425.626, test=-2743.212)
total time= 1.0s
[CV 1/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2387.277, test=-2406.970)
total time= 2.4s
[CV 4/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2357.163, test=-2554.750)
total time= 2.4s
[CV 2/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2235.146, test=-2408.141)
total time= 4.9s
[CV 5/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2152.410, test=-2705.702)
total time= 4.9s
[CV 1/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1859.563, test=-2434.116)
total time= 12.1s
[CV 4/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1439.698, test=-2677.266)
total time= 24.1s
[CV 2/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1875.728, test=-2517.933)
total time= 12.1s
[CV 5/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1423.451, test=-2786.386)
total time= 24.2s
[CV 3/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1853.370, test=-2848.703)
total time= 12.3s

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[CV 1/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2573.505, test=-2442.239)
total time= 0.5s
[CV 2/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2595.875, test=-2345.297)
total time= 0.5s
[CV 3/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 5/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2501.963, test=-2728.236)
total time= 0.5s
[CV 2/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2523.036, test=-2319.073)
total time= 1.0s
[CV 4/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2466.424, test=-2556.013)
total time= 1.0s
[CV 2/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2407.718, test=-2337.244)
total time= 2.4s
[CV 5/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2319.256, test=-2679.265)
total time= 2.4s
[CV 3/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2160.428, test=-2783.489)
total time= 4.8s
[CV 1/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200;; score=(train=-2004.584, test=-2421.770)
total time= 9.6s
[CV 4/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1903.723, test=-2622.927)
total time= 12.1s
[CV 1/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2505.527, test=-2403.302)
total time= 1.0s
[CV 3/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2431.228, test=-2736.376)
total time= 1.0s
[CV 5/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2435.689, test=-2688.323)
total time= 1.0s
[CV 5/5; 372/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 372/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2500.867, test=-2733.819)
total time= 0.5s
[CV 2/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2518.027, test=-2309.911)
total time= 1.0s
[CV 4/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2464.606, test=-2555.428)
total time= 1.0s
[CV 2/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2391.192, test=-2341.846)
total time= 2.4s
[CV 5/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2313.110, test=-2685.288)
total time= 2.4s
[CV 3/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=100
[CV 3/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2167.377, test=-2794.253)
total time= 4.9s
[CV 1/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1951.866, test=-2436.984)
total time= 9.7s
[CV 4/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1827.760, test=-2629.993)
total time= 12.1s
[CV 1/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2499.611, test=-2400.731)
total time= 1.0s
[CV 3/5; 380/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 380/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2425.626, test=-2743.215)
total time= 1.0s
[CV 1/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2387.277, test=-2406.970)
total time= 2.4s
[CV 4/5; 381/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 381/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2357.163, test=-2555.196)
total time= 2.4s
[CV 2/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2235.146, test=-2410.549)
total time= 4.9s
[CV 5/5; 382/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 382/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2152.410, test=-2705.155)
total time= 4.8s
[CV 1/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1859.563, test=-2433.306)

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total time= 12.1s
[CV 4/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1464.106, test=-2686.005)
total time= 24.2s
[CV 2/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1894.910, test=-2490.220)
total time= 12.0s
[CV 5/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1456.630, test=-2791.426)
total time= 24.1s
[CV 3/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1844.552, test=-2848.062)
total time= 12.0s
[CV 1/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2573.505, test=-2442.302)
total time= 0.5s
[CV 2/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2595.875, test=-2350.780)
total time= 0.5s
[CV 3/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 4/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2533.624, test=-2592.459)
total time= 0.5s
[CV 5/5; 400/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 400/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2501.963, test=-2727.989)
total time= 0.5s
[CV 2/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 2/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2523.036, test=-2316.917)
total time= 1.0s
[CV 4/5; 401/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 401/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2466.424, test=-2556.013)
total time= 1.0s
[CV 1/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2397.121, test=-2394.563)
total time= 2.5s
[CV 4/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2365.190, test=-2548.144)
total time= 2.5s
[CV 2/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2180.881, test=-2422.336)
total time= 4.9s
[CV 4/5; 347/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 347/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2215.985, test=-2588.962)
total time= 5.0s
[CV 3/5; 348/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 348/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1902.970, test=-2852.798)
total time= 9.8s
[CV 1/5; 350/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 350/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1371.948, test=-2500.346)
total time= 24.4s
[CV 2/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2015.042, test=-2484.259)
total time= 9.9s
[CV 5/5; 356/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 356/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1775.520, test=-2772.418)
total time= 12.3s

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[CV 2/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 2/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2518.902, test=-2313.844) total time= 1.0s

[CV 5/5; 359/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 5/5; 359/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2421.673, test=-2713.728) total time= 1.0s

[CV 3/5; 360/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 3/5; 360/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-2324.001, test=-2747.232) total time= 2.4s

[CV 1/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 1/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-2215.292, test=-2425.937) total time= 5.0s

[CV 4/5; 361/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 4/5; 361/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-2232.966, test=-2574.627) total time= 4.9s

[CV 3/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-1973.494, test=-2805.316) total time= 9.9s

[CV 1/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 1/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-1450.866, test=-2494.062) total time= 24.4s

[CV 2/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 2/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-1981.187, test=-2482.207) total time= 9.9s

[CV 5/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 5/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-1797.641, test=-2733.921) total time= 12.4s

[CV 5/5; 373/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 5/5; 373/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20;; score=(train=-2428.208, test=-2689.275)
total time= 1.0s
[CV 3/5; 374/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 374/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2316.092, test=-2756.092)
total time= 2.5s
[CV 1/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2218.100, test=-2422.101)
total time= 4.9s
[CV 4/5; 375/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 375/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2204.393, test=-2566.784)
total time= 5.0s
[CV 4/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1948.048, test=-2613.871)
total time= 9.9s
[CV 2/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1469.956, test=-2605.891)
total time= 24.7s
[CV 4/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1936.740, test=-2610.712)
total time= 9.9s
[CV 2/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1469.956, test=-2612.303)
total time= 24.8s
[CV 4/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1951.882, test=-2603.946)
total time= 9.9s
[CV 2/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1517.021, test=-2570.710)
total time= 24.2s
[CV 3/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200
[CV 3/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1928.329, test=-2818.805)
total time= 9.8s
[CV 1/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1502.870, test=-2492.699)
total time= 24.3s
[CV 2/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2005.569, test=-2453.208)
total time= 9.7s
[CV 2/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2152.410, test=-2703.587)
total time= 4.9s
[CV 1/5; 370/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 370/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1859.563, test=-2433.673)
total time= 12.3s
[CV 4/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1439.698, test=-2680.750)
total time= 24.5s
[CV 2/5; 377/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 377/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1875.728, test=-2512.929)
total time= 12.3s
[CV 5/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1423.451, test=-2783.024)
total time= 24.6s
[CV 4/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1827.760, test=-2628.413)
total time= 12.3s
[CV 3/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

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[CV 3/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2493.078, test=-2766.714)
total time= 0.5s
[CV 5/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2500.867, test=-2733.819)
total time= 0.5s
[CV 2/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2518.027, test=-2306.223)
total time= 1.0s
[CV 5/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2431.650, test=-2691.136)
total time= 1.0s
[CV 3/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2322.908, test=-2755.531)
total time= 2.5s
[CV 1/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2224.178, test=-2424.557)
total time= 4.9s
[CV 4/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2206.142, test=-2569.465)
total time= 5.0s
[CV 3/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1948.761, test=-2828.339)
total time= 9.8s
[CV 1/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1529.338, test=-2462.814)
total time= 24.2s
[CV 2/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2005.569, test=-2453.074)
total time= 9.7s

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[CV 5/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 5/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1833.037, test=-2726.143) total time= 12.3s
[CV 2/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2407.718, test=-2337.250) total time= 2.5s
[CV 5/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 5/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2319.256, test=-2679.432) total time= 2.4s
[CV 3/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 3/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-2160.428, test=-2783.818) total time= 4.9s
[CV 1/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 1/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-2004.584, test=-2424.556) total time= 9.7s
[CV 4/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 4/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-1903.723, test=-2621.209) total time= 12.2s
[CV 4/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 4/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2533.624, test=-2592.459) total time= 0.5s
[CV 1/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 1/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2505.527, test=-2403.113) total time= 1.0s
[CV 3/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 3/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2431.227, test=-2736.374) total time= 1.0s
[CV 1/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 1/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,


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min_samples_split=10, n_estimators=50;; score=(train=-2397.121, test=-2393.786)
total time= 2.4s
[CV 4/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2365.190, test=-2548.489)
total time= 2.4s
[CV 2/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2252.939, test=-2386.810)
total time= 4.9s
[CV 1/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1951.866, test=-2433.367)
total time= 9.6s
[CV 3/5; 384/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 384/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1836.501, test=-2855.349)
total time= 12.2s
[CV 1/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2571.740, test=-2442.805)
total time= 0.5s
[CV 2/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2592.448, test=-2344.232)
total time= 0.5s
[CV 4/5; 386/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 386/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2533.276, test=-2592.850)
total time= 0.5s
[CV 1/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2499.611, test=-2400.641)
total time= 1.0s
[CV 4/5; 387/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 387/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2464.606, test=-2555.428)
total time= 1.0s
[CV 2/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=50;; score=(train=-2398.556, test=-2337.470)
total time= 2.4s
[CV 5/5; 388/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 388/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2320.368, test=-2686.761)
total time= 2.4s
[CV 3/5; 389/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2174.168, test=-2789.977)
total time= 4.9s
[CV 1/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1977.543, test=-2426.876)
total time= 9.7s
[CV 4/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1853.563, test=-2628.789)
total time= 12.1s
[CV 4/5; 393/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 393/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2533.624, test=-2592.459)
total time= 0.5s
[CV 1/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2505.527, test=-2403.336)
total time= 1.0s
[CV 3/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2431.228, test=-2736.373)
total time= 1.0s
[CV 1/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2397.121, test=-2394.087)
total time= 2.4s
[CV 4/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2365.190, test=-2548.144)
total time= 2.4s
[CV 2/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100
[CV 2/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2252.939, test=-2379.478)
total time= 4.8s
[CV 5/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2171.502, test=-2705.219)
total time= 4.8s
[CV 1/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1891.671, test=-2428.223)
total time= 12.0s
[CV 4/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1549.303, test=-2686.268)
total time= 24.2s
[CV 2/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1908.758, test=-2491.198)
total time= 12.2s
[CV 5/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1474.102, test=-2769.199)
total time= 24.3s
[CV 3/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1839.707, test=-2843.685)
total time= 12.1s
[CV 1/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2573.505, test=-2442.239)
total time= 0.5s
[CV 2/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2595.875, test=-2353.413)
total time= 0.5s
[CV 3/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2495.226, test=-2765.530)

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total time= 0.6s
[CV 5/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2501.963, test=-2728.236)
total time= 0.5s
[CV 2/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2243.865, test=-2410.045)
total time= 4.9s
[CV 5/5; 354/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 354/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2144.455, test=-2739.172)
total time= 4.9s
[CV 5/5; 355/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 355/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1890.415, test=-2755.898)
total time= 9.7s
[CV 3/5; 357/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 357/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1434.541, test=-2984.879)
total time= 24.4s
[CV 4/5; 362/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 362/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1983.441, test=-2599.226)
total time= 9.9s
[CV 2/5; 364/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 364/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1537.258, test=-2618.280)
total time= 24.7s
[CV 3/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1927.240, test=-2835.834)
total time= 9.9s
[CV 2/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1469.956, test=-2605.261)
total time= 24.7s

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[CV 3/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 3/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-1927.240, test=-2835.984) total time= 9.9s
[CV 1/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-1489.278, test=-2486.365) total time= 24.6s
[CV 3/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 3/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-1927.240, test=-2836.802) total time= 10.0s
[CV 1/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-1489.278, test=-2490.014) total time= 24.7s
[CV 2/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 2/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-2002.438, test=-2453.367) total time= 9.9s
[CV 5/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 5/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-1820.392, test=-2718.229) total time= 12.1s
[CV 5/5; 394/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 5/5; 394/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2435.689, test=-2688.089) total time= 1.0s
[CV 3/5; 395/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 3/5; 395/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-2311.806, test=-2757.412) total time= 2.4s
[CV 1/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 1/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-2249.700, test=-2400.659) total time= 4.8s
[CV 4/5; 396/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 4/5; 396/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100;; score=(train=-2209.086, test=-2563.612)
total time= 4.9s
[CV 4/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1987.917, test=-2600.741)
total time= 9.8s
[CV 2/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1548.094, test=-2590.090)
total time= 24.4s
[CV 5/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1935.153, test=-2710.465)
total time= 9.8s
[CV 3/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1505.258, test=-2946.938)
total time= 24.4s
[CV 4/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1987.917, test=-2597.670)
total time= 9.8s
[CV 2/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1548.094, test=-2589.146)
total time= 24.5s
[CV 5/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1935.153, test=-2712.466)
total time= 9.9s
[CV 3/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1482.538, test=-2947.946)
total time= 24.3s
[CV 4/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2011.669, test=-2606.265)
total time= 9.7s
[CV 1/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500
[CV 1/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1561.877, test=-2501.536)
total time= 24.0s
[CV 5/5; 389/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2167.499, test=-2710.585)
total time= 4.9s
[CV 1/5; 391/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 391/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1886.908, test=-2431.344)
total time= 12.1s
[CV 4/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1486.010, test=-2694.261)
total time= 24.2s
[CV 2/5; 398/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 398/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1908.758, test=-2497.617)
total time= 12.0s
[CV 5/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1474.102, test=-2769.159)
total time= 24.0s
[CV 3/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1839.707, test=-2842.421)
total time= 12.1s
[CV 1/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2573.505, test=-2442.239)
total time= 0.5s
[CV 2/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2595.875, test=-2344.362)
total time= 0.5s
[CV 3/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 5/5; 407/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10
[CV 5/5; 407/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2501.963, test=-2728.236)
total time= 0.5s
[CV 2/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2523.036, test=-2315.093)
total time= 1.0s
[CV 4/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2466.424, test=-2556.013)
total time= 1.0s
[CV 2/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2407.718, test=-2338.130)
total time= 2.5s
[CV 5/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2319.256, test=-2680.581)
total time= 2.4s
[CV 3/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2160.428, test=-2783.461)
total time= 4.8s
[CV 1/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2004.584, test=-2424.363)
total time= 9.6s
[CV 4/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1903.723, test=-2624.453)
total time= 12.2s
[CV 4/5; 414/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 414/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2533.624, test=-2592.459)
total time= 0.5s
[CV 1/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2505.527, test=-2403.319)

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total time= 1.0s
[CV 3/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2431.227, test=-2736.374)
total time= 1.0s
[CV 1/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2397.121, test=-2394.421)
total time= 2.4s
[CV 4/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2365.190, test=-2548.144)
total time= 2.4s
[CV 2/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2252.939, test=-2384.791)
total time= 4.7s
[CV 5/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2171.502, test=-2704.435)
total time= 4.9s
[CV 1/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1891.671, test=-2430.102)
total time= 12.0s
[CV 4/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1549.303, test=-2686.151)
total time= 24.1s
[CV 2/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1925.395, test=-2500.019)
total time= 12.1s
[CV 5/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1541.048, test=-2793.831)
total time= 24.2s
[CV 3/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

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[CV 5/5; 366/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2428.208, test=-2689.056)
total time= 1.0s
[CV 3/5; 367/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 367/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2316.091, test=-2755.535)
total time= 2.4s
[CV 1/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2218.100, test=-2421.867)
total time= 4.8s
[CV 4/5; 368/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 368/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2204.393, test=-2568.150)
total time= 5.1s
[CV 5/5; 369/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 369/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1899.100, test=-2719.365)
total time= 9.8s
[CV 3/5; 371/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 371/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1454.908, test=-2954.746)
total time= 24.7s
[CV 5/5; 376/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 376/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1899.100, test=-2717.578)
total time= 9.8s
[CV 3/5; 378/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 378/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1462.296, test=-2967.127)
total time= 24.7s
[CV 5/5; 383/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 383/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1899.100, test=-2717.345)
total time= 9.9s
[CV 3/5; 385/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 385/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1462.296, test=-2967.928)
total time= 24.8s

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[CV 5/5; 390/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 390/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1922.964, test=-2715.503)
total time= 10.2s

[CV 3/5; 392/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 3/5; 392/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-1494.948, test=-2950.338)
total time= 24.3s

[CV 5/5; 397/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 5/5; 397/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1935.153, test=-2713.017)
total time= 9.7s

[CV 3/5; 399/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 3/5; 399/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-1505.258, test=-2946.739)
total time= 24.0s

[CV 4/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 4/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1987.917, test=-2601.330)
total time= 9.7s

[CV 1/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 1/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-1502.870, test=-2491.860)
total time= 24.1s

[CV 2/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 2/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-2005.569, test=-2455.860)
total time= 9.8s

[CV 5/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 5/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-1833.037, test=-2727.164)
total time= 12.2s

[CV 5/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 5/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2435.689, test=-2688.089)
total time= 1.0s

[CV 3/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 3/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50;; score=(train=-2311.806, test=-2757.412)
total time= 2.4s
[CV 1/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2249.700, test=-2400.939)
total time= 4.7s
[CV 4/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2209.086, test=-2562.756)
total time= 4.9s
[CV 4/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1987.917, test=-2602.241)
total time= 9.8s
[CV 2/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1548.094, test=-2587.108)
total time= 24.4s
[CV 3/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1960.664, test=-2809.561)
total time= 9.7s
[CV 2/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1584.779, test=-2588.366)
total time= 23.9s
[CV 2/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2015.729, test=-2479.507)
total time= 9.7s
[CV 5/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1852.996, test=-2736.774)
total time= 12.2s
[CV 3/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2252.939, test=-2384.582)
total time= 4.9s
[CV 5/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100
[CV 5/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2171.502, test=-2704.662)
total time= 4.9s
[CV 1/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1891.671, test=-2429.742)
total time= 12.1s
[CV 4/5; 406/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1549.303, test=-2683.278)
total time= 24.4s
[CV 2/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1908.758, test=-2494.446)
total time= 12.2s
[CV 5/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1474.102, test=-2769.954)
total time= 24.2s
[CV 3/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1839.707, test=-2842.408)
total time= 12.1s
[CV 1/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2575.091, test=-2442.478)
total time= 0.5s
[CV 2/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2598.901, test=-2352.273)
total time= 0.5s
[CV 3/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 5/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2501.290, test=-2725.202)

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total time= 0.5s
[CV 2/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2526.624, test=-2327.804)
total time= 1.0s
[CV 4/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2466.722, test=-2556.181)
total time= 1.0s
[CV 2/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2412.781, test=-2352.239)
total time= 2.4s
[CV 5/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2330.583, test=-2680.164)
total time= 2.4s
[CV 3/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2185.285, test=-2782.256)
total time= 4.8s
[CV 1/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2008.984, test=-2438.890)
total time= 9.6s
[CV 4/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1902.388, test=-2621.857)
total time= 12.0s
[CV 2/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2598.901, test=-2352.596)
total time= 0.4s
[CV 3/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 5/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

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[CV 5/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2501.290, test=-2725.657)
total time= 0.5s
[CV 2/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2526.624, test=-2318.831)
total time= 1.0s
[CV 5/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2432.092, test=-2682.347)
total time= 1.0s
[CV 3/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2331.001, test=-2744.228)
total time= 2.4s
[CV 1/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2259.552, test=-2411.383)
total time= 4.8s
[CV 4/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2218.430, test=-2567.902)
total time= 4.8s
[CV 5/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1949.772, test=-2708.963)
total time= 9.5s
[CV 3/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1535.720, test=-2909.469)
total time= 24.2s
[CV 3/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 402/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 402/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2311.803, test=-2757.450)
total time= 2.4s
[CV 1/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=100;; score=(train=-2249.700, test=-2400.692)
total time= 4.8s
[CV 4/5; 403/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 403/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2209.086, test=-2564.131)
total time= 4.8s
[CV 3/5; 404/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 404/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1928.203, test=-2826.358)
total time= 9.6s
[CV 5/5; 405/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 405/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1833.037, test=-2725.343)
total time= 12.0s
[CV 5/5; 408/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 408/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2435.689, test=-2688.089)
total time= 1.0s
[CV 3/5; 409/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 409/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2311.806, test=-2757.413)
total time= 2.4s
[CV 1/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2249.700, test=-2401.700)
total time= 4.8s
[CV 4/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2209.086, test=-2561.942)
total time= 4.9s
[CV 5/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1935.153, test=-2711.860)
total time= 9.6s
[CV 3/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1505.258, test=-2945.166)
total time= 24.3s
[CV 3/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200
[CV 3/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1931.272, test=-2821.459)
total time= 9.8s
[CV 1/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1502.870, test=-2493.027)
total time= 24.2s
[CV 2/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-2015.729, test=-2482.952)
total time= 9.7s
[CV 5/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1852.996, test=-2740.224)
total time= 12.1s
[CV 4/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2466.722, test=-2556.181)
total time= 1.0s
[CV 2/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2412.781, test=-2353.669)
total time= 2.5s
[CV 5/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2330.583, test=-2678.585)
total time= 2.4s
[CV 3/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2185.285, test=-2782.488)
total time= 4.9s
[CV 1/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-2008.984, test=-2439.630)
total time= 9.7s
[CV 4/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1902.388, test=-2619.589)

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total time= 12.0s
[CV 5/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2501.290, test=-2725.418)
total time= 0.5s
[CV 2/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2526.624, test=-2327.952)
total time= 1.0s
[CV 5/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2432.092, test=-2682.347)
total time= 1.0s
[CV 3/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2331.001, test=-2744.741)
total time= 2.4s
[CV 5/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2330.583, test=-2679.413)
total time= 2.4s
[CV 2/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2255.155, test=-2388.579)
total time= 4.9s
[CV 5/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2184.907, test=-2693.699)
total time= 4.9s
[CV 2/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2523.036, test=-2316.144)
total time= 1.0s
[CV 4/5; 415/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 415/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2466.424, test=-2556.013)
total time= 1.0s
[CV 2/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2407.718, test=-2330.130)

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total time= 2.5s
[CV 5/5; 416/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 416/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2319.256, test=-2679.432)
total time= 2.2s
[CV 3/5; 417/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 417/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2158.568, test=-2783.192)
total time= 4.8s
[CV 1/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2004.584, test=-2423.088)
total time= 9.7s
[CV 4/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1903.723, test=-2624.874)
total time= 12.3s
[CV 4/5; 421/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 421/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2535.054, test=-2594.050)
total time= 0.5s
[CV 1/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2505.711, test=-2408.591)
total time= 1.0s
[CV 3/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2432.602, test=-2734.730)
total time= 1.0s
[CV 1/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2403.228, test=-2406.779)
total time= 2.4s
[CV 4/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2369.537, test=-2539.133)
total time= 2.4s
[CV 2/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

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[CV 2/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2255.155, test=-2395.718)
total time= 4.9s

[CV 5/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 5/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2184.907, test=-2693.987)
total time= 4.9s

[CV 1/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 1/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1914.577, test=-2447.317)
total time= 12.2s

[CV 4/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 4/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1569.265, test=-2678.215)
total time= 24.3s

[CV 2/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 2/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1925.395, test=-2503.595)
total time= 12.3s

[CV 5/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 5/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1541.048, test=-2791.667)
total time= 23.8s

[CV 3/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 3/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1865.091, test=-2819.426)
total time= 12.1s

[CV 1/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 1/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2575.091, test=-2442.530)
total time= 0.5s

[CV 2/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 2/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2598.901, test=-2350.293)
total time= 0.5s

[CV 3/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 3/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s

[CV 4/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2535.054, test=-2594.050)
total time= 0.5s
[CV 1/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2505.711, test=-2408.443)
total time= 1.0s
[CV 4/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2466.722, test=-2556.175)
total time= 1.0s
[CV 2/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2412.781, test=-2345.524)
total time= 2.4s
[CV 5/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2330.583, test=-2679.986)
total time= 2.5s
[CV 3/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2185.285, test=-2782.605)
total time= 4.9s
[CV 1/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 410/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 410/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2171.502, test=-2704.741)
total time= 4.9s
[CV 1/5; 412/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 412/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1891.671, test=-2429.878)
total time= 12.1s
[CV 4/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1549.303, test=-2682.992)
total time= 24.6s
[CV 2/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250
[CV 2/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1908.758, test=-2491.772)
total time= 12.3s
[CV 5/5; 420/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 420/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1474.102, test=-2770.066)
total time= 24.3s
[CV 3/5; 426/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 426/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1865.091, test=-2819.138)
total time= 12.2s
[CV 1/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2575.091, test=-2442.478)
total time= 0.5s
[CV 4/5; 428/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 428/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2535.054, test=-2594.050)
total time= 0.5s
[CV 1/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2505.711, test=-2408.927)
total time= 1.0s
[CV 3/5; 429/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 429/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2432.602, test=-2734.730)
total time= 1.0s
[CV 1/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2403.228, test=-2407.268)
total time= 2.4s
[CV 4/5; 430/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 430/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2369.537, test=-2540.254)
total time= 2.4s
[CV 2/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2255.155, test=-2388.177)

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total time= 4.9s
[CV 5/5; 431/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 431/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2184.907, test=-2694.453)
total time= 4.9s
[CV 1/5; 433/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1914.577, test=-2446.379)
total time= 12.2s
[CV 4/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1569.265, test=-2676.322)
total time= 24.3s
[CV 2/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1925.395, test=-2504.328)
total time= 12.4s
[CV 5/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1541.048, test=-2792.352)
total time= 24.3s
[CV 3/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1865.091, test=-2818.919)
total time= 12.1s
[CV 1/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2481.593, test=-2441.371)
total time= 0.8s
[CV 3/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2417.240, test=-2780.456)
total time= 0.8s
[CV 5/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2421.796, test=-2779.865)
total time= 0.8s
[CV 2/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 2/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2361.571, test=-2359.934)
total time= 1.5s
[CV 5/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2303.807, test=-2743.584)
total time= 1.5s
[CV 3/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2014.737, test=-2763.889)
total time= 3.8s
[CV 5/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2004.778, test=-2769.979)
total time= 3.9s
[CV 3/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1650.672, test=-2818.333)
total time= 7.7s
[CV 5/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1097.156, test=-2862.200)
total time= 15.4s
[CV 3/5; 433/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1865.091, test=-2818.631)
total time= 12.3s
[CV 1/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2575.091, test=-2442.478)
total time= 0.5s
[CV 2/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2598.901, test=-2353.077)
total time= 0.5s
[CV 3/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2495.226, test=-2765.530)
total time= 0.5s
[CV 4/5; 435/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

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[CV 4/5; 435/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2535.054, test=-2594.050)
total time= 0.5s
[CV 1/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2505.711, test=-2408.809)
total time= 1.0s
[CV 4/5; 436/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2466.722, test=-2556.181)
total time= 1.0s
[CV 2/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2412.781, test=-2357.797)
total time= 2.5s
[CV 1/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2259.552, test=-2411.310)
total time= 4.6s
[CV 4/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2218.430, test=-2567.736)
total time= 4.9s
[CV 5/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1949.772, test=-2710.443)
total time= 9.6s
[CV 2/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1584.779, test=-2588.037)
total time= 24.6s
[CV 3/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1960.664, test=-2810.083)
total time= 9.8s
[CV 1/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1561.877, test=-2502.724)
total time= 24.4s

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[CV 4/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1677.535, test=-2625.185)
total time= 7.8s
[CV 2/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1020.887, test=-2643.266)
total time= 19.8s
[CV 1/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2482.252, test=-2438.434)
total time= 0.8s
[CV 2/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2513.649, test=-2364.981)
total time= 0.8s
[CV 3/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2417.510, test=-2780.470)
total time= 0.8s
[CV 4/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2471.186, test=-2575.227)
total time= 0.8s
[CV 5/5; 456/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 456/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2421.796, test=-2778.629)
total time= 0.8s
[CV 1/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2351.929, test=-2407.095)
total time= 1.5s
[CV 2/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2364.372, test=-2363.768)
total time= 1.5s
[CV 3/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=20;; score=(train=-2295.158, test=-2745.533)
total time= 1.5s
[CV 5/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2305.854, test=-2745.669)
total time= 1.6s
[CV 3/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2024.260, test=-2761.511)
total time= 3.9s
[CV 1/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1681.485, test=-2449.193)
total time= 7.8s
[CV 4/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1712.198, test=-2620.845)
total time= 7.9s
[CV 2/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 436/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2432.602, test=-2734.730)
total time= 1.0s
[CV 1/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2403.228, test=-2406.467)
total time= 2.5s
[CV 4/5; 437/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 437/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2369.537, test=-2539.895)
total time= 2.6s
[CV 3/5; 438/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 438/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2185.285, test=-2782.426)
total time= 4.9s
[CV 1/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2008.984, test=-2439.637)
total time= 9.7s
[CV 4/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=250
[CV 4/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1914.949, test=-2621.640)
total time= 12.3s
[CV 5/5; 442/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 442/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2501.290, test=-2725.202)
total time= 0.5s
[CV 2/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2526.624, test=-2327.952)
total time= 1.0s
[CV 5/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2432.092, test=-2682.347)
total time= 1.0s
[CV 3/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2331.001, test=-2744.490)
total time= 2.5s
[CV 1/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2259.552, test=-2413.104)
total time= 4.9s
[CV 4/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2218.430, test=-2569.125)
total time= 4.9s
[CV 5/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1949.772, test=-2711.631)
total time= 9.9s
[CV 3/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1535.720, test=-2910.326)
total time= 24.5s
[CV 1/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1141.931, test=-2549.674)

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total time= 15.7s
[CV 4/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-938.304, test=-2719.640)
total time= 19.5s
[CV 4/5; 457/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 457/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2351.878, test=-2542.019)
total time= 1.5s
[CV 2/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2056.578, test=-2448.378)
total time= 3.8s
[CV 5/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1983.098, test=-2783.589)
total time= 3.9s
[CV 3/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1675.978, test=-2824.442)
total time= 7.8s
[CV 1/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1157.368, test=-2540.820)
total time= 15.5s
[CV 4/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-951.228, test=-2670.530)
total time= 19.4s
[CV 4/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2479.144, test=-2578.110)
total time= 0.8s
[CV 1/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2358.301, test=-2403.446)
total time= 1.5s
[CV 3/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

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[CV 3/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2300.477, test=-2767.303)
total time= 1.5s
[CV 5/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2299.617, test=-2740.670)
total time= 1.6s
[CV 3/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2051.596, test=-2768.927)
total time= 3.9s
[CV 1/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1715.741, test=-2468.601)
total time= 7.8s
[CV 4/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 406/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1548.094, test=-2590.708)
total time= 24.4s
[CV 3/5; 411/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 411/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1928.329, test=-2818.721)
total time= 9.7s
[CV 1/5; 413/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 413/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1502.870, test=-2493.320)
total time= 24.6s
[CV 2/5; 418/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 418/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2005.569, test=-2459.542)
total time= 9.8s
[CV 5/5; 419/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 419/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1833.037, test=-2728.028)
total time= 12.2s
[CV 5/5; 422/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 422/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2432.092, test=-2682.558)
total time= 1.0s

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[CV 3/5; 423/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 3/5; 423/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-2331.001, test=-2744.266)
total time= 2.4s

[CV 1/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 1/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-2259.552, test=-2411.919)
total time= 4.9s

[CV 4/5; 424/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 4/5; 424/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-2218.430, test=-2566.026)
total time= 4.9s

[CV 5/5; 425/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 5/5; 425/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-1949.772, test=-2710.611)
total time= 9.7s

[CV 3/5; 427/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 3/5; 427/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-1535.720, test=-2910.196)
total time= 24.2s

[CV 4/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 4/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1993.910, test=-2598.144)
total time= 9.6s

[CV 2/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 2/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-1584.779, test=-2586.513)
total time= 24.4s

[CV 4/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 4/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1993.910, test=-2601.866)
total time= 9.7s

[CV 3/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 3/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-1535.720, test=-2909.618)
total time= 24.7s

[CV 4/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 4/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-2011.669, test=-2605.523)
total time= 9.9s
[CV 2/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1584.779, test=-2593.675)
total time= 24.4s
[CV 5/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1611.744, test=-2793.091)
total time= 7.8s
[CV 3/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-950.018, test=-2942.616)
total time= 19.4s
[CV 5/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-384.066, test=-2937.688)
total time= 38.5s
[CV 2/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1041.465, test=-2671.728)
total time= 19.6s
[CV 5/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-439.753, test=-2938.734)
total time= 38.9s
[CV 4/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1103.889, test=-2704.116)
total time= 19.6s
[CV 2/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2514.434, test=-2358.378)
total time= 0.8s
[CV 4/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2480.670, test=-2578.382)
total time= 0.8s
[CV 2/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=20
[CV 2/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2370.270, test=-2342.458)
total time= 1.5s
[CV 4/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2363.490, test=-2537.541)
total time= 1.6s
[CV 2/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2143.889, test=-2418.265)
total time= 3.9s
[CV 5/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2008.984, test=-2438.788)
total time= 9.8s
[CV 4/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1914.949, test=-2623.129)
total time= 12.2s
[CV 2/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2509.825, test=-2362.028)
total time= 0.8s
[CV 4/5; 449/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 449/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2471.132, test=-2577.386)
total time= 0.8s
[CV 1/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2348.465, test=-2402.930)
total time= 1.5s
[CV 4/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2343.167, test=-2539.983)
total time= 1.6s
[CV 2/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2063.412, test=-2438.071)

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total time= 3.9s
[CV 1/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1657.408, test=-2468.087)
total time= 7.7s
[CV 2/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1220.483, test=-2611.438)
total time= 15.6s
[CV 5/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-902.711, test=-2891.325)
total time= 19.3s
[CV 1/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2055.774, test=-2450.242)
total time= 3.8s
[CV 4/5; 458/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 458/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2091.453, test=-2568.601)
total time= 3.9s
[CV 2/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1744.224, test=-2531.885)
total time= 7.8s
[CV 5/5; 459/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 459/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1620.273, test=-2801.302)
total time= 7.8s
[CV 1/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-972.891, test=-2581.379)
total time= 19.4s
[CV 4/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-458.840, test=-2781.912)
total time= 39.2s
[CV 2/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

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[CV 2/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1085.515, test=-2619.905)
total time= 19.6s

[CV 5/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 5/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-527.412, test=-2948.222)
total time= 38.7s

[CV 3/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 3/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1131.510, test=-2966.357)
total time= 19.3s

[CV 1/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 1/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2502.500, test=-2444.724)
total time= 0.8s

[CV 2/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 2/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2516.004, test=-2356.296)
total time= 0.7s

[CV 3/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 3/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2418.827, test=-2770.818)
total time= 0.8s

[CV 4/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 4/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2475.357, test=-2589.085)
total time= 0.8s

[CV 1/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 1/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2384.765, test=-2412.993)
total time= 1.5s

[CV 3/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 3/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2306.563, test=-2741.274)
total time= 1.5s

[CV 1/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 1/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2109.503, test=-2448.785)
total time= 3.9s

[CV 4/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 4/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-2108.316, test=-2554.112) total time= 3.8s
[CV 2/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 2/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-1736.889, test=-2464.286) total time= 7.7s
[CV 5/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 5/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-1653.125, test=-2750.833) total time= 7.6s
[CV 1/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 1/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1914.577, test=-2449.588) total time= 12.2s
[CV 4/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 4/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-1565.520, test=-2704.598) total time= 24.3s
[CV 2/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 2/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-1925.395, test=-2502.737) total time= 12.3s
[CV 5/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 5/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-1541.048, test=-2793.572) total time= 24.6s
[CV 1/5; 454/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 1/5; 454/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-955.454, test=-2562.621) total time= 19.5s
[CV 4/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 4/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-428.194, test=-2766.392) total time= 38.9s
[CV 3/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 3/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250;; score=(train=-994.835, test=-2935.493)
total time= 19.6s
[CV 1/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2488.555, test=-2441.273)
total time= 0.8s
[CV 2/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2509.502, test=-2353.041)
total time= 0.8s
[CV 3/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2424.221, test=-2779.380)
total time= 0.8s
[CV 5/5; 463/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 463/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2429.602, test=-2769.386)
total time= 0.8s
[CV 2/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2371.090, test=-2350.993)
total time= 1.6s
[CV 4/5; 464/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 464/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2350.782, test=-2540.183)
total time= 1.6s
[CV 1/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2108.297, test=-2442.342)
total time= 3.9s
[CV 4/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2128.629, test=-2561.016)
total time= 4.0s
[CV 2/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1752.565, test=-2469.394)
total time= 7.9s
[CV 5/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 5/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1667.259, test=-2803.600)
total time= 7.9s
[CV 1/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1051.833, test=-2540.831)
total time= 19.4s
[CV 4/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-542.348, test=-2757.868)
total time= 38.8s
[CV 2/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1207.998, test=-2581.223)
total time= 19.6s
[CV 5/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-603.953, test=-2926.272)
total time= 38.6s
[CV 3/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1059.278, test=-2889.403)
total time= 19.3s
[CV 1/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2502.500, test=-2444.562)
total time= 0.8s
[CV 2/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2516.004, test=-2356.296)
total time= 0.8s
[CV 3/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2418.827, test=-2770.818)
total time= 0.8s
[CV 5/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2433.370, test=-2744.934)

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total time= 0.8s
[CV 2/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2375.251, test=-2344.562)
total time= 1.5s
[CV 4/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2346.231, test=-2555.845)
total time= 1.5s
[CV 3/5; 432/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 432/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1960.664, test=-2809.990)
total time= 9.7s
[CV 1/5; 434/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 434/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1561.877, test=-2500.831)
total time= 24.2s
[CV 2/5; 439/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-2015.729, test=-2481.194)
total time= 10.0s
[CV 5/5; 440/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 440/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1852.996, test=-2740.633)
total time= 12.2s
[CV 3/5; 443/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 443/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2432.602, test=-2734.730)
total time= 1.0s
[CV 1/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2403.228, test=-2407.708)
total time= 2.5s
[CV 4/5; 444/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 444/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2369.537, test=-2539.489)
total time= 2.5s
[CV 2/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

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[CV 2/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2255.155, test=-2400.669)
total time= 4.9s

[CV 5/5; 445/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 5/5; 445/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2184.907, test=-2694.204)
total time= 4.9s

[CV 1/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 1/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1914.577, test=-2446.899)
total time= 12.2s

[CV 4/5; 448/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 4/5; 448/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1569.265, test=-2676.480)
total time= 24.3s

[CV 4/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 4/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1157.780, test=-2667.372)
total time= 15.6s

[CV 2/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 2/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-457.734, test=-2719.401)
total time= 39.2s

[CV 4/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 4/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1145.671, test=-2635.741)
total time= 15.6s

[CV 2/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 2/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-468.294, test=-2766.386)
total time= 38.8s

[CV 4/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 4/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1271.405, test=-2683.749)
total time= 15.6s

[CV 2/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-585.064, test=-2660.148)
total time= 39.1s

[CV 3/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-1316.807, test=-2924.903)
total time= 15.7s

[CV 1/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 1/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-673.529, test=-2602.396)
total time= 38.5s

[CV 2/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 2/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-1283.745, test=-2523.636)
total time= 15.4s

[CV 5/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 5/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-1001.419, test=-2832.959)
total time= 19.1s

[CV 1/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 1/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-2109.504, test=-2448.005)
total time= 3.9s

[CV 4/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 4/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-2108.316, test=-2554.088)
total time= 3.9s

[CV 2/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 2/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-1736.889, test=-2463.227)
total time= 7.7s

[CV 1/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 1/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-1339.770, test=-2578.675)
total time= 15.6s

[CV 4/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 4/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-1118.315, test=-2683.415)
total time= 19.3s

[CV 2/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10
[CV 2/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10;; score=(train=-2516.004, test=-2358.644)
total time= 0.7s
[CV 4/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2475.357, test=-2587.828)
total time= 0.8s
[CV 2/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1261.202, test=-2626.583)
total time= 15.8s
[CV 5/5; 461/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 461/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-966.711, test=-2887.421)
total time= 19.4s
[CV 2/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2107.636, test=-2418.026)
total time= 3.8s
[CV 5/5; 465/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 465/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2034.300, test=-2769.975)
total time= 3.9s
[CV 3/5; 466/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1692.271, test=-2832.241)
total time= 7.6s
[CV 1/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1245.365, test=-2536.667)
total time= 15.5s
[CV 3/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1066.183, test=-2942.438)
total time= 19.5s
[CV 1/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2490.377, test=-2442.562)
total time= 0.8s
[CV 3/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=10;; score=(train=-2430.479, test=-2778.220)
total time= 0.8s
[CV 5/5; 470/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 470/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2430.508, test=-2770.787)
total time= 0.8s
[CV 1/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2375.988, test=-2419.176)
total time= 1.5s
[CV 3/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2316.340, test=-2745.152)
total time= 1.5s
[CV 1/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2130.826, test=-2416.890)
total time= 3.9s
[CV 4/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2167.727, test=-2534.162)
total time= 3.9s
[CV 2/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1856.765, test=-2482.801)
total time= 7.8s
[CV 5/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1733.485, test=-2806.276)
total time= 7.8s
[CV 1/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1211.674, test=-2535.868)
total time= 19.5s
[CV 4/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-682.115, test=-2787.793)
total time= 39.1s
[CV 2/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=250
[CV 2/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1124.303, test=-2539.224)
total time= 19.4s
[CV 5/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-596.281, test=-2892.197)
total time= 38.6s
[CV 3/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1059.278, test=-2900.753)
total time= 19.3s
[CV 1/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2502.500, test=-2445.720)
total time= 0.8s
[CV 3/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2418.827, test=-2770.818)
total time= 0.7s
[CV 5/5; 491/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 491/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2433.370, test=-2744.934)
total time= 0.8s
[CV 2/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2375.251, test=-2349.030)
total time= 1.5s
[CV 4/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2346.231, test=-2555.922)
total time= 1.5s
[CV 2/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2085.208, test=-2410.037)
total time= 3.8s
[CV 5/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2007.347, test=-2717.923)

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total time= 3.9s
[CV 3/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2055.483, test=-2772.727)
total time= 3.9s
[CV 3/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1766.055, test=-2823.706)
total time= 7.8s
[CV 1/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1360.449, test=-2516.335)
total time= 15.6s
[CV 4/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1184.664, test=-2680.985)
total time= 19.4s
[CV 5/5; 477/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 477/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2433.370, test=-2744.934)
total time= 0.8s
[CV 2/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2375.251, test=-2344.766)
total time= 1.5s
[CV 4/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2346.231, test=-2555.845)
total time= 1.5s
[CV 2/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2085.208, test=-2408.785)
total time= 3.9s
[CV 5/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2007.347, test=-2714.956)
total time= 3.9s
[CV 3/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

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[CV 3/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1707.695, test=-2804.047)
total time= 7.6s
[CV 1/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1318.304, test=-2565.256)
total time= 15.4s
[CV 4/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1118.315, test=-2686.881)
total time= 19.2s
[CV 4/5; 484/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 484/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2475.357, test=-2589.085)
total time= 0.8s
[CV 1/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2384.765, test=-2412.500)
total time= 1.5s
[CV 3/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2306.563, test=-2740.530)
total time= 1.5s
[CV 5/5; 485/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 485/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2310.563, test=-2718.504)
total time= 1.5s
[CV 3/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2043.146, test=-2738.379)
total time= 3.8s
[CV 1/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1777.295, test=-2502.652)
total time= 7.6s
[CV 4/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1782.927, test=-2600.391)
total time= 7.7s

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[CV 5/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 5/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-1165.103, test=-2809.059) total time= 15.2s
[CV 1/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-637.457, test=-2657.564) total time= 38.4s
[CV 3/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 3/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-1228.702, test=-2871.650) total time= 15.5s
[CV 5/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 5/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-1001.419, test=-2835.247) total time= 19.2s
[CV 5/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 5/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-2309.246, test=-2702.737) total time= 1.5s
[CV 3/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 3/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-2079.442, test=-2744.357) total time= 3.8s
[CV 1/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 1/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1770.263, test=-2465.248) total time= 7.6s
[CV 4/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 4/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1753.770, test=-2608.348) total time= 7.7s
[CV 5/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1269.773, test=-2793.533) total time= 15.4s
[CV 3/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 3/5; 439/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200;; score=(train=-1960.664, test=-2810.352)
total time= 9.8s
[CV 1/5; 441/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 441/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1561.877, test=-2503.153)
total time= 24.4s
[CV 2/5; 446/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 446/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-2015.729, test=-2483.202)
total time= 9.8s
[CV 5/5; 447/2352] START learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 447/2352] END learning_rate=0.075, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1852.996, test=-2740.133)
total time= 12.2s
[CV 3/5; 450/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 450/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2302.529, test=-2743.022)
total time= 1.5s
[CV 1/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2069.685, test=-2430.697)
total time= 3.9s
[CV 4/5; 451/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 451/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2101.509, test=-2567.179)
total time= 3.9s
[CV 2/5; 452/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 452/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1740.662, test=-2505.157)
total time= 7.8s
[CV 3/5; 453/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 453/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1138.832, test=-2918.793)
total time= 15.5s
[CV 1/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-408.588, test=-2608.646)
total time= 39.0s
[CV 3/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200
[CV 3/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1142.371, test=-2902.979)
total time= 15.8s
[CV 1/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-441.969, test=-2629.567)
total time= 38.9s
[CV 3/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1207.344, test=-2920.632)
total time= 15.5s
[CV 1/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-539.594, test=-2584.653)
total time= 38.8s
[CV 2/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1367.296, test=-2563.203)
total time= 15.6s
[CV 5/5; 475/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 475/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1145.000, test=-2870.594)
total time= 19.3s
[CV 5/5; 478/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 478/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2310.563, test=-2717.941)
total time= 1.6s
[CV 3/5; 479/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 479/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2043.146, test=-2739.512)
total time= 3.8s
[CV 1/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1777.295, test=-2502.557)
total time= 7.7s
[CV 4/5; 480/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 480/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1750.186, test=-2587.531)

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total time= 7.7s
[CV 5/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1165.103, test=-2801.775)
total time= 15.2s
[CV 3/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-571.687, test=-2972.402)
total time= 38.5s
[CV 4/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1266.639, test=-2664.189)
total time= 15.4s
[CV 3/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-571.687, test=-2972.161)
total time= 38.5s
[CV 4/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1276.016, test=-2647.978)
total time= 15.5s
[CV 2/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-585.082, test=-2631.362)
total time= 38.6s
[CV 3/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1379.459, test=-2854.997)
total time= 15.5s
[CV 1/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-701.049, test=-2571.189)
total time= 38.8s
[CV 2/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 466/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1773.713, test=-2611.358)
total time= 7.9s
[CV 2/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

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[CV 2/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1244.913, test=-2575.222)
total time= 15.6s

[CV 5/5; 468/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 5/5; 468/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1011.597, test=-2877.342)
total time= 19.5s

[CV 5/5; 471/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 5/5; 471/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2305.986, test=-2749.765)
total time= 1.6s

[CV 3/5; 472/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 3/5; 472/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2092.947, test=-2768.011)
total time= 3.9s

[CV 1/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 1/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1806.813, test=-2455.013)
total time= 7.7s

[CV 4/5; 473/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 4/5; 473/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1847.133, test=-2569.815)
total time= 7.9s

[CV 5/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 5/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1291.740, test=-2853.479)
total time= 15.5s

[CV 3/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 3/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-626.426, test=-3065.648)
total time= 38.9s

[CV 4/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 4/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1266.639, test=-2660.997)
total time= 15.4s

[CV 2/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 2/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-585.082, test=-2628.688)
total time= 38.4s

[CV 3/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 3/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-1228.702, test=-2873.879)
total time= 15.6s
[CV 2/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 2/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-585.082, test=-2629.496)
total time= 38.4s
[CV 2/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 2/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-1283.745, test=-2528.196)
total time= 15.5s
[CV 1/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-638.414, test=-2622.050)
total time= 38.5s
[CV 2/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 2/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1390.284, test=-2535.193)
total time= 15.4s
[CV 5/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 5/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-1126.741, test=-2826.073)
total time= 19.1s
[CV 4/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 4/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2362.890, test=-2554.811)
total time= 1.5s
[CV 2/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 2/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-2159.739, test=-2378.254)
total time= 3.8s
[CV 5/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 5/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=50;; score=(train=-2066.868, test=-2691.657)
total time= 3.8s
[CV 3/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=100
[CV 3/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100;; score=(train=-1767.958, test=-2826.221)
total time= 7.5s
[CV 1/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1384.126, test=-2552.197)
total time= 15.2s
[CV 4/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1284.064, test=-2699.225)
total time= 19.2s
[CV 3/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2435.919, test=-2771.350)
total time= 0.8s
[CV 5/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2436.532, test=-2737.113)
total time= 0.8s
[CV 2/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2382.134, test=-2338.870)
total time= 1.5s
[CV 5/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2318.769, test=-2701.588)
total time= 1.5s
[CV 3/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2085.365, test=-2771.242)
total time= 3.8s
[CV 5/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 482/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 482/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1143.173, test=-2577.464)
total time= 19.2s
[CV 4/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-610.688, test=-2746.400)

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total time= 38.5s
[CV 2/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1124.303, test=-2550.362)
total time= 19.4s
[CV 5/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-596.281, test=-2891.573)
total time= 38.7s
[CV 3/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1074.217, test=-2879.303)
total time= 19.2s
[CV 1/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2510.527, test=-2446.730)
total time= 0.8s
[CV 2/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2519.714, test=-2354.084)
total time= 0.7s
[CV 3/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2426.195, test=-2769.813)
total time= 0.7s
[CV 4/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2476.240, test=-2587.344)
total time= 0.8s
[CV 1/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2395.466, test=-2411.501)
total time= 1.5s
[CV 3/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2300.142, test=-2735.756)
total time= 1.5s
[CV 1/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

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[CV 1/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2113.318, test=-2440.479)
total time= 3.8s
[CV 4/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2130.342, test=-2561.316)
total time= 3.8s
[CV 2/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1797.918, test=-2462.737)
total time= 7.6s
[CV 5/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1710.701, test=-2741.989)
total time= 7.6s
[CV 1/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1179.462, test=-2512.310)
total time= 18.9s
[CV 4/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-679.461, test=-2745.985)
total time= 38.3s
[CV 2/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1235.973, test=-2558.640)
total time= 19.1s
[CV 5/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-689.149, test=-2890.712)
total time= 38.0s
[CV 3/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1229.281, test=-2970.331)
total time= 19.0s
[CV 1/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2501.651, test=-2447.946)
total time= 0.7s

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[CV 2/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 2/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2525.161, test=-2354.079)
 total time= 0.7s
 [CV 3/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 3/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2435.919, test=-2771.350)
 total time= 0.8s
 [CV 4/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10
 [CV 4/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=10;; score=(train=-2476.438, test=-2588.699)
 total time= 0.8s
 [CV 1/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20
 [CV 1/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20;; score=(train=-2387.485, test=-2422.676)
 total time= 1.5s
 [CV 4/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20
 [CV 4/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=20;; score=(train=-2362.890, test=-2554.706)
 total time= 1.5s
 [CV 2/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50
 [CV 2/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50;; score=(train=-2159.740, test=-2386.874)
 total time= 3.8s
 [CV 5/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50
 [CV 5/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
 min_samples_split=10, n_estimators=50;; score=(train=-2066.868, test=-2691.834)
 total time= 3.8s
 [CV 3/5; 455/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500
 [CV 3/5; 455/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
 min_samples_split=2, n_estimators=500;; score=(train=-417.417, test=-3032.905)
 total time= 38.6s
 [CV 5/5; 460/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=200
 [CV 5/5; 460/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=200;; score=(train=-1146.405, test=-2864.235)
 total time= 15.4s
 [CV 3/5; 462/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500
 [CV 3/5; 462/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,


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min_samples_split=5, n_estimators=500;; score=(train=-427.264, test=-3045.945)
total time= 39.2s
[CV 5/5; 467/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 467/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1180.901, test=-2854.358)
total time= 15.6s
[CV 3/5; 469/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 469/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-523.423, test=-3025.155)
total time= 38.9s
[CV 4/5; 474/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 474/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1329.403, test=-2641.277)
total time= 15.5s
[CV 2/5; 476/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 476/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-673.750, test=-2659.214)
total time= 38.9s
[CV 3/5; 481/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 481/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1228.702, test=-2871.211)
total time= 15.4s
[CV 1/5; 483/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 483/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-638.414, test=-2626.058)
total time= 38.6s
[CV 2/5; 488/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 488/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1283.745, test=-2530.117)
total time= 15.4s
[CV 5/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1001.419, test=-2833.705)
total time= 19.1s
[CV 5/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2310.563, test=-2718.239)
total time= 1.6s
[CV 3/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50
[CV 3/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2043.146, test=-2738.159)
total time= 3.8s
[CV 1/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1777.295, test=-2505.200)
total time= 7.7s
[CV 4/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1750.186, test=-2591.438)
total time= 7.8s
[CV 5/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1165.103, test=-2809.557)
total time= 15.3s
[CV 3/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-578.476, test=-2946.705)
total time= 38.6s
[CV 4/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1298.778, test=-2665.782)
total time= 15.3s
[CV 2/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-715.798, test=-2662.263)
total time= 38.6s
[CV 3/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1349.701, test=-2903.393)
total time= 15.1s
[CV 1/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-725.685, test=-2651.495)
total time= 37.8s
[CV 2/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1403.870, test=-2554.385)

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total time= 15.2s
[CV 5/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1175.899, test=-2808.758)
total time= 19.0s
[CV 3/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2311.325, test=-2748.645)
total time= 1.5s
[CV 1/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2153.885, test=-2454.543)
total time= 3.8s
[CV 4/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2148.000, test=-2556.737)
total time= 4.0s
[CV 2/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1863.247, test=-2458.561)
total time= 7.8s
[CV 1/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1404.414, test=-2542.451)
total time= 15.2s
[CV 3/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1707.695, test=-2805.212)
total time= 7.8s
[CV 1/5; 495/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 495/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1311.366, test=-2551.306)
total time= 15.5s
[CV 4/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1118.315, test=-2686.024)
total time= 19.4s
[CV 5/5; 498/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 498/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2434.093, test=-2744.697)

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total time= 0.8s
[CV 2/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2383.212, test=-2337.788)
total time= 1.5s
[CV 4/5; 499/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 499/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2349.938, test=-2552.894)
total time= 1.5s
[CV 2/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2164.765, test=-2377.464)
total time= 3.9s
[CV 5/5; 500/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 500/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2046.016, test=-2724.356)
total time= 3.9s
[CV 3/5; 501/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 501/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1774.353, test=-2781.417)
total time= 7.7s
[CV 1/5; 502/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 502/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1319.940, test=-2487.384)
total time= 15.2s
[CV 4/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1153.493, test=-2665.709)
total time= 19.2s
[CV 4/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2476.438, test=-2588.699)
total time= 0.8s
[CV 1/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2387.485, test=-2422.280)
total time= 1.5s
[CV 3/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 3/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2311.325, test=-2748.446)
total time= 1.5s
[CV 1/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2146.253, test=-2460.305)
total time= 3.8s
[CV 4/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2148.000, test=-2556.628)
total time= 3.8s
[CV 2/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1864.332, test=-2450.412)
total time= 7.6s
[CV 5/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1746.053, test=-2715.709)
total time= 7.7s
[CV 1/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1222.972, test=-2584.420)
total time= 18.9s
[CV 4/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-798.253, test=-2777.195)
total time= 38.4s
[CV 2/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1223.532, test=-2538.019)
total time= 18.8s
[CV 5/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-689.149, test=-2892.403)
total time= 37.8s
[CV 3/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1245.778, test=-2961.022)
total time= 19.0s

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[CV 1/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 1/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2501.651, test=-2447.946)
total time= 0.7s
[CV 2/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 2/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2525.161, test=-2351.221)
total time= 0.8s
[CV 3/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 3/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2435.919, test=-2771.350)
total time= 0.7s
[CV 5/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 5/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2436.532, test=-2737.113)
total time= 0.8s
[CV 2/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 2/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2382.134, test=-2336.448)
total time= 1.5s
[CV 5/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 2/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 2/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-2085.208, test=-2408.468)
total time= 3.8s
[CV 5/5; 486/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 5/5; 486/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-2007.347, test=-2715.290)
total time= 3.8s
[CV 3/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 3/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-1707.692, test=-2804.843)
total time= 7.6s
[CV 5/5; 487/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 5/5; 487/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-1653.125, test=-2751.275)
total time= 7.6s
[CV 1/5; 489/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250
[CV 1/5; 489/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1150.126, test=-2593.540)
total time= 19.4s
[CV 4/5; 490/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 490/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-597.158, test=-2708.782)
total time= 38.7s
[CV 2/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1124.303, test=-2552.607)
total time= 19.3s
[CV 5/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-596.281, test=-2897.040)
total time= 38.4s
[CV 3/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1212.724, test=-2882.732)
total time= 19.3s
[CV 1/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2501.651, test=-2447.946)
total time= 0.8s
[CV 2/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2525.161, test=-2354.079)
total time= 0.8s
[CV 3/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2435.919, test=-2771.350)
total time= 0.7s
[CV 5/5; 505/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 505/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2436.532, test=-2737.215)
total time= 0.8s
[CV 2/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2382.133, test=-2333.780)

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total time= 1.5s
[CV 5/5; 506/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 506/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2318.769, test=-2701.096)
total time= 1.5s
[CV 3/5; 507/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 507/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2050.055, test=-2762.128)
total time= 3.7s
[CV 1/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1825.099, test=-2487.026)
total time= 7.6s
[CV 4/5; 508/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 508/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1871.383, test=-2584.703)
total time= 7.7s
[CV 4/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1430.406, test=-2670.107)
total time= 15.3s
[CV 2/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-721.223, test=-2621.747)
total time= 37.8s
[CV 3/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1368.996, test=-2931.291)
total time= 15.1s
[CV 1/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-696.955, test=-2667.045)
total time= 37.6s
[CV 2/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1419.120, test=-2521.999)
total time= 15.3s
[CV 5/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 5/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1175.898, test=-2814.192)
total time= 19.1s
[CV 3/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2311.325, test=-2748.612)
total time= 1.5s
[CV 1/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2153.310, test=-2452.403)
total time= 3.8s
[CV 4/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2148.000, test=-2557.897)
total time= 3.8s
[CV 2/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1864.332, test=-2450.559)
total time= 7.7s
[CV 1/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2384.765, test=-2412.348)
total time= 1.5s
[CV 3/5; 492/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 492/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2306.563, test=-2741.245)
total time= 1.5s
[CV 1/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2109.504, test=-2449.035)
total time= 3.8s
[CV 4/5; 493/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 493/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2108.316, test=-2553.479)
total time= 3.8s
[CV 2/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1736.889, test=-2465.844)
total time= 7.6s

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[CV 5/5; 494/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 5/5; 494/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-1683.295, test=-2756.223)
total time= 7.6s

[CV 1/5; 496/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 1/5; 496/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-1183.457, test=-2578.356)
total time= 19.4s

[CV 4/5; 497/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 4/5; 497/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-597.158, test=-2701.903)
total time= 38.5s

[CV 2/5; 503/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 2/5; 503/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-1226.158, test=-2570.371)
total time= 19.2s

[CV 5/5; 504/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 5/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-635.534, test=-2881.111)
total time= 38.4s

[CV 3/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 3/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1229.281, test=-2969.309)
total time= 19.2s

[CV 1/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 1/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2501.651, test=-2447.420)
total time= 0.7s

[CV 2/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2525.161, test=-2351.221)
total time= 0.8s

[CV 4/5; 512/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 4/5; 512/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2476.438, test=-2588.699)
total time= 0.8s

[CV 1/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 1/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-2387.485, test=-2421.965)
total time= 1.5s
[CV 3/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2311.325, test=-2748.521)
total time= 1.5s
[CV 1/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2153.885, test=-2455.045)
total time= 3.8s
[CV 4/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2148.000, test=-2558.479)
total time= 3.8s
[CV 2/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1861.134, test=-2450.467)
total time= 7.6s
[CV 5/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1746.053, test=-2717.352)
total time= 7.6s
[CV 1/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1222.972, test=-2583.395)
total time= 18.9s
[CV 4/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-798.253, test=-2778.984)
total time= 38.6s
[CV 2/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1245.972, test=-2530.996)
total time= 19.3s
[CV 5/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-689.150, test=-2890.013)
total time= 38.2s
[CV 3/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250
[CV 3/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1215.004, test=-2943.686)
total time= 19.3s
[CV 1/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2507.572, test=-2444.229)
total time= 0.8s
[CV 3/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2433.013, test=-2774.089)
total time= 0.8s
[CV 5/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2443.920, test=-2736.098)
total time= 0.8s
[CV 4/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1284.064, test=-2700.703)
total time= 19.1s
[CV 4/5; 526/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 526/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2476.438, test=-2588.699)
total time= 0.8s
[CV 1/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2387.485, test=-2422.584)
total time= 1.5s
[CV 4/5; 527/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2362.890, test=-2554.706)
total time= 1.5s
[CV 2/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2159.739, test=-2384.418)
total time= 3.8s
[CV 5/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2066.868, test=-2691.915)

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total time= 3.8s
[CV 3/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1767.958, test=-2825.978)
total time= 7.9s
[CV 1/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1404.414, test=-2543.006)
total time= 15.2s
[CV 4/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1284.064, test=-2700.055)
total time= 19.2s
[CV 2/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2535.798, test=-2358.265)
total time= 0.8s
[CV 4/5; 533/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 533/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2475.386, test=-2581.294)
total time= 0.7s
[CV 1/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2390.121, test=-2413.560)
total time= 1.5s
[CV 4/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2366.314, test=-2544.923)
total time= 1.5s
[CV 2/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2175.829, test=-2383.555)
total time= 3.8s
[CV 5/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2097.515, test=-2703.950)
total time= 3.8s
[CV 3/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

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[CV 3/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1808.523, test=-2822.450)
total time= 7.6s

[CV 1/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 1/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1436.049, test=-2542.989)
total time= 15.4s

[CV 4/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 4/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1339.719, test=-2705.195)
total time= 19.0s

[CV 3/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 3/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2433.013, test=-2774.089)
total time= 0.7s

[CV 5/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 5/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2443.920, test=-2736.098)
total time= 0.8s

[CV 2/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 2/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2406.633, test=-2338.609)
total time= 1.5s

[CV 5/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 5/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2337.284, test=-2693.373)
total time= 1.5s

[CV 3/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 3/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2087.979, test=-2749.621)
total time= 3.7s

[CV 1/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 1/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1841.281, test=-2465.737)
total time= 7.5s

[CV 4/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 4/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1877.161, test=-2615.741)
total time= 7.6s

[CV 5/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 5/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1380.664, test=-2773.250) total time= 15.2s
[CV 3/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 3/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-802.248, test=-3007.880) total time= 38.3s
[CV 4/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 4/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1458.948, test=-2686.971) total time= 15.2s
[CV 2/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1401.007, test=-2538.527) total time= 15.2s
[CV 5/5; 510/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 5/5; 510/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1175.898, test=-2813.020) total time= 19.1s
[CV 4/5; 513/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 4/5; 513/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2362.890, test=-2554.811) total time= 1.5s
[CV 2/5; 514/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-2159.741, test=-2384.462) total time= 3.8s
[CV 1/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 1/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1842.277, test=-2498.297) total time= 7.6s
[CV 4/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 4/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1871.383, test=-2583.904) total time= 7.7s
[CV 5/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 5/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-1310.967, test=-2783.868) total time= 15.1s

[CV 2/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-730.722, test=-2645.166)
total time= 37.8s
[CV 3/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1367.932, test=-2933.732)
total time= 15.3s
[CV 1/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-725.685, test=-2652.007)
total time= 38.1s
[CV 2/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1420.893, test=-2504.522)
total time= 15.3s
[CV 5/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1175.898, test=-2809.830)
total time= 19.1s
[CV 3/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2324.256, test=-2747.601)
total time= 1.5s
[CV 1/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2149.175, test=-2427.994)
total time= 3.8s
[CV 4/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2151.983, test=-2557.344)
total time= 3.8s
[CV 2/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1879.337, test=-2471.750)
total time= 7.7s
[CV 5/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,


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min_samples_split=2, n_estimators=100;; score=(train=-1800.820, test=-2718.429)
total time= 7.6s
[CV 1/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1248.047, test=-2582.705)
total time= 18.9s
[CV 4/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-864.401, test=-2775.625)
total time= 38.3s
[CV 2/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1321.217, test=-2594.425)
total time= 19.1s
[CV 5/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-764.898, test=-2856.526)
total time= 37.8s
[CV 3/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1279.440, test=-2941.448)
total time= 18.9s
[CV 1/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2507.572, test=-2444.013)
total time= 0.8s
[CV 2/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2535.798, test=-2354.638)
total time= 0.8s
[CV 4/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2475.386, test=-2581.294)
total time= 0.8s
[CV 1/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2390.121, test=-2414.082)
total time= 1.5s
[CV 4/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 4/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2366.314, test=-2544.923)
total time= 1.5s
[CV 2/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2175.829, test=-2383.419)
total time= 3.8s
[CV 5/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 514/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2066.868, test=-2693.477)
total time= 3.8s
[CV 3/5; 515/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 515/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1767.957, test=-2827.400)
total time= 7.6s
[CV 1/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1404.414, test=-2540.953)
total time= 15.3s
[CV 4/5; 517/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 517/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1284.064, test=-2703.947)
total time= 19.3s
[CV 5/5; 519/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 519/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2436.532, test=-2737.113)
total time= 0.8s
[CV 2/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2382.133, test=-2338.937)
total time= 1.5s
[CV 5/5; 520/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 520/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2318.769, test=-2701.096)
total time= 1.6s
[CV 3/5; 521/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 521/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2050.055, test=-2762.083)

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total time= 3.8s
[CV 1/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1825.099, test=-2489.470)
total time= 7.6s
[CV 4/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1871.383, test=-2581.932)
total time= 7.7s
[CV 4/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1430.406, test=-2673.020)
total time= 15.1s
[CV 2/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-730.722, test=-2642.299)
total time= 38.0s
[CV 3/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1368.996, test=-2931.492)
total time= 15.3s
[CV 1/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-696.955, test=-2667.770)
total time= 37.9s
[CV 2/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1458.875, test=-2564.865)
total time= 15.1s
[CV 5/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1233.254, test=-2786.974)
total time= 18.9s
[CV 3/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2324.256, test=-2747.601)
total time= 1.5s
[CV 1/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

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[CV 1/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2149.175, test=-2428.328)
total time= 3.8s
[CV 4/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2151.983, test=-2558.621)
total time= 3.8s
[CV 2/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1879.337, test=-2464.463)
total time= 7.6s
[CV 5/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1839.245, test=-2723.540)
total time= 7.6s
[CV 1/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1248.047, test=-2581.602)
total time= 18.6s
[CV 4/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-864.401, test=-2780.725)
total time= 37.9s
[CV 2/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1321.217, test=-2595.108)
total time= 18.9s
[CV 5/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-765.935, test=-2869.040)
total time= 37.8s
[CV 3/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1277.480, test=-2942.872)
total time= 18.9s
[CV 1/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2262.077, test=-2455.762)
total time= 1.1s

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[CV 2/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 2/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-2304.606, test=-2376.553)
total time= 1.1s
[CV 4/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 3/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 3/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1767.958, test=-2826.924)
total time= 7.6s
[CV 5/5; 522/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 5/5; 522/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1746.053, test=-2717.040)
total time= 7.6s
[CV 1/5; 524/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 1/5; 524/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-1186.323, test=-2575.809)
total time= 19.1s
[CV 4/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 4/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-798.253, test=-2779.392)
total time= 38.7s
[CV 2/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 2/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-1245.972, test=-2537.553)
total time= 18.8s
[CV 5/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 5/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-694.490, test=-2870.056)
total time= 38.2s
[CV 3/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 3/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1279.440, test=-2939.108)
total time= 19.2s
[CV 1/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 1/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-2507.572, test=-2443.861)
total time= 0.8s
[CV 2/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10
[CV 2/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2535.798, test=-2360.101)
total time= 0.8s
[CV 4/5; 540/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 540/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2475.386, test=-2581.294)
total time= 0.8s
[CV 1/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2390.121, test=-2414.020)
total time= 1.5s
[CV 4/5; 541/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 541/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2366.314, test=-2544.921)
total time= 1.5s
[CV 2/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2181.950, test=-2379.283)
total time= 3.8s
[CV 5/5; 542/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 542/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2091.415, test=-2704.229)
total time= 3.8s
[CV 3/5; 543/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 543/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1808.523, test=-2821.899)
total time= 7.6s
[CV 1/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1436.049, test=-2545.925)
total time= 15.0s
[CV 4/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1339.718, test=-2705.531)
total time= 19.0s
[CV 4/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2475.386, test=-2581.294)

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total time= 0.8s
[CV 1/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2390.121, test=-2413.160)
total time= 1.6s
[CV 3/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2324.256, test=-2747.564)
total time= 1.5s
[CV 1/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2149.175, test=-2428.401)
total time= 3.8s
[CV 4/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2151.983, test=-2558.172)
total time= 3.8s
[CV 2/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1879.337, test=-2470.455)
total time= 7.6s
[CV 5/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1839.245, test=-2723.673)
total time= 7.6s
[CV 1/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1248.047, test=-2583.960)
total time= 18.7s
[CV 4/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-864.401, test=-2781.249)
total time= 38.2s
[CV 2/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1321.217, test=-2591.959)
total time= 19.0s
[CV 5/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

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[CV 5/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-764.898, test=-2857.453)
total time= 38.1s

[CV 5/5; 527/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2318.769, test=-2701.568)
total time= 1.5s

[CV 3/5; 528/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 3/5; 528/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2085.365, test=-2771.056)
total time= 3.8s

[CV 1/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 1/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1842.277, test=-2498.004)
total time= 7.6s

[CV 4/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 4/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1871.383, test=-2586.195)
total time= 7.7s

[CV 4/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1430.406, test=-2668.025)
total time= 15.3s

[CV 2/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-748.432, test=-2652.892)
total time= 38.3s

[CV 3/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1447.501, test=-2915.669)
total time= 15.4s

[CV 1/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-764.484, test=-2670.083)
total time= 38.0s

[CV 2/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1458.875, test=-2557.995)
total time= 15.2s

[CV 5/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 5/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1218.535, test=-2778.774)
total time= 18.9s

[CV 4/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 4/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2366.314, test=-2544.856)
total time= 1.5s

[CV 2/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 2/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2175.829, test=-2382.508)
total time= 3.8s

[CV 5/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 5/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2091.415, test=-2703.770)
total time= 3.8s

[CV 3/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 3/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1810.232, test=-2821.520)
total time= 7.6s

[CV 1/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 1/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1381.518, test=-2546.303)
total time= 15.0s

[CV 4/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 4/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1339.718, test=-2705.125)
total time= 19.0s

[CV 3/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 3/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2433.013, test=-2774.089)
total time= 0.7s

[CV 5/5; 554/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 5/5; 554/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2443.920, test=-2736.098)
total time= 0.8s

[CV 2/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 2/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2406.633, test=-2334.623)
total time= 1.5s

[CV 5/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 5/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2337.284, test=-2693.373) total time= 1.5s
[CV 3/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 3/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2079.121, test=-2749.606) total time= 3.8s
[CV 1/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 1/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1841.281, test=-2466.750) total time= 7.5s
[CV 4/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 4/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1877.161, test=-2615.664) total time= 7.6s
[CV 4/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 4/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-1458.946, test=-2688.264) total time= 15.1s
[CV 2/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 2/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-816.641, test=-2689.323) total time= 37.9s
[CV 5/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 5/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-674.655, test=-2865.470) total time= 11.3s
[CV 2/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 2/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-202.122, test=-2663.822) total time= 29.3s
[CV 1/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 1/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10;; score=(train=-2271.826, test=-2451.136) total time= 1.1s
[CV 2/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=10
[CV 5/5; 529/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100
[CV 5/5; 529/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1746.053, test=-2718.274)
total time= 7.6s
[CV 1/5; 531/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 531/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1241.901, test=-2562.424)
total time= 19.0s
[CV 4/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-798.253, test=-2776.780)
total time= 38.5s
[CV 2/5; 538/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 538/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1321.217, test=-2594.026)
total time= 19.0s
[CV 5/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-766.236, test=-2832.602)
total time= 38.3s
[CV 3/5; 545/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 545/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1235.545, test=-2918.209)
total time= 19.1s
[CV 1/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2507.572, test=-2444.229)
total time= 0.8s
[CV 2/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2535.798, test=-2358.028)
total time= 0.8s
[CV 3/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2433.013, test=-2774.089)
total time= 0.8s
[CV 5/5; 547/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 547/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2443.920, test=-2736.098)

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total time= 0.8s
[CV 2/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2406.633, test=-2337.837)
total time= 1.5s
[CV 5/5; 548/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 548/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2337.284, test=-2693.373)
total time= 1.5s
[CV 3/5; 549/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 549/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2087.979, test=-2749.952)
total time= 3.8s
[CV 1/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1841.281, test=-2462.531)
total time= 7.6s
[CV 4/5; 550/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 550/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1877.161, test=-2616.742)
total time= 7.7s
[CV 5/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1397.266, test=-2759.880)
total time= 15.2s
[CV 3/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-808.836, test=-3019.060)
total time= 38.3s
[CV 5/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1380.664, test=-2774.217)
total time= 15.2s
[CV 3/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-802.248, test=-3007.967)
total time= 38.4s
[CV 2/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

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[CV 2/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-341.602, test=-2630.387)
total time= 23.6s

[CV 5/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 5/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-128.987, test=-2912.555)
total time= 28.5s

[CV 4/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 4/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2060.891, test=-2588.409)
total time= 2.3s

[CV 2/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 2/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1510.084, test=-2463.758)
total time= 5.7s

[CV 5/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 5/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1379.644, test=-2799.353)
total time= 5.6s

[CV 3/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 3/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-800.736, test=-2858.178)
total time= 11.4s

[CV 1/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 1/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-357.488, test=-2570.117)
total time= 23.2s

[CV 4/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 4/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-230.812, test=-2764.496)
total time= 29.4s

[CV 4/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

[CV 4/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2303.109, test=-2595.209)
total time= 1.1s

[CV 3/5; 504/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-702.504, test=-2974.316)
total time= 39.2s

[CV 5/5; 509/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 5/5; 509/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1310.968, test=-2782.468)
total time= 15.3s

[CV 3/5; 511/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 3/5; 511/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-728.586, test=-3013.501)
total time= 38.1s

[CV 4/5; 516/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 4/5; 516/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1430.406, test=-2670.522)
total time= 15.5s

[CV 3/5; 518/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 3/5; 518/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-731.045, test=-3056.400)
total time= 38.6s

[CV 5/5; 523/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 5/5; 523/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1310.968, test=-2781.218)
total time= 15.4s

[CV 3/5; 525/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 525/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-728.586, test=-3014.006)
total time= 38.6s

[CV 5/5; 530/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 5/5; 530/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1310.967, test=-2785.430)
total time= 15.0s

[CV 3/5; 532/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 3/5; 532/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-728.586, test=-3017.296)
total time= 38.4s

[CV 4/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 4/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1458.946, test=-2687.562)
total time= 15.3s

[CV 2/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 2/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-816.641, test=-2688.053)
total time= 37.8s

[CV 3/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200

[CV 3/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1447.501, test=-2916.146) total time= 15.2s

[CV 1/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500

[CV 1/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-764.484, test=-2666.525) total time= 37.7s

[CV 2/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200

[CV 2/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1458.875, test=-2567.333) total time= 15.1s

[CV 5/5; 552/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250

[CV 5/5; 552/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1218.535, test=-2778.810) total time= 18.8s

[CV 3/5; 555/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20

[CV 3/5; 555/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2324.256, test=-2747.624) total time= 1.5s

[CV 1/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50

[CV 1/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2149.175, test=-2428.259) total time= 3.8s

[CV 4/5; 556/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50

[CV 4/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2151.983, test=-2558.714) total time= 3.7s

[CV 2/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100

[CV 2/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1879.337, test=-2467.953) total time= 7.6s

[CV 5/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100

[CV 5/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1839.245, test=-2722.749) total time= 7.7s

[CV 1/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250

[CV 1/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=250;; score=(train=-1248.047, test=-2586.328)
total time= 18.9s
[CV 4/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-864.401, test=-2779.825)
total time= 38.4s
[CV 5/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-236.365, test=-2888.510)
total time= 23.1s
[CV 3/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-10.785, test=-2966.581)
total time= 57.8s
[CV 1/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-209.637, test=-2583.525)
total time= 29.2s
[CV 4/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-24.624, test=-2770.990)
total time= 58.5s
[CV 2/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-336.660, test=-2598.211)
total time= 29.1s
[CV 5/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-44.743, test=-2894.386)
total time= 57.5s
[CV 3/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2406.633, test=-2337.985)
total time= 1.5s
[CV 5/5; 534/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 534/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2337.284, test=-2693.373)

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total time= 1.5s
[CV 3/5; 535/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 535/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2087.979, test=-2749.536)
total time= 3.8s
[CV 1/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1841.281, test=-2464.774)
total time= 7.6s
[CV 4/5; 536/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 536/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1877.162, test=-2618.146)
total time= 7.7s
[CV 5/5; 537/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 537/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1397.266, test=-2760.801)
total time= 15.3s
[CV 3/5; 539/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 539/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-802.248, test=-3010.477)
total time= 37.8s
[CV 4/5; 544/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 544/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1458.946, test=-2687.499)
total time= 15.0s
[CV 2/5; 546/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 546/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-816.641, test=-2690.601)
total time= 37.6s
[CV 3/5; 551/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 551/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1421.452, test=-2901.029)
total time= 15.2s
[CV 1/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-764.484, test=-2669.757)
total time= 37.7s
[CV 2/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

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[CV 2/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1458.875, test=-2557.523)
total time= 15.1s

[CV 5/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 5/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1218.535, test=-2780.342)
total time= 18.9s

[CV 2/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 2/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2015.378, test=-2404.055)
total time= 2.2s

[CV 5/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 5/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2003.844, test=-2789.623)
total time= 2.3s

[CV 3/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 3/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1393.332, test=-2817.986)
total time= 5.6s

[CV 1/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 1/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-810.603, test=-2553.651)
total time= 11.4s

[CV 1/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 1/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-284.968, test=-2553.795)
total time= 23.1s

[CV 4/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 4/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-188.290, test=-2721.311)
total time= 29.5s

[CV 1/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 1/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1401.091, test=-2517.850)
total time= 5.7s

[CV 4/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 4/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1549.746, test=-2641.004)
total time= 5.8s

[CV 2/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 2/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-969.306, test=-2512.462) total time= 11.7s
[CV 5/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 5/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-792.146, test=-2862.392) total time= 11.5s
[CV 5/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 5/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-300.855, test=-2882.781) total time= 23.3s
[CV 3/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 3/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-14.745, test=-2955.069) total time= 57.5s
[CV 4/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 4/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-479.423, test=-2729.626) total time= 23.5s
[CV 3/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 3/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-50.077, test=-2962.493) total time= 58.2s
[CV 5/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 5/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-477.051, test=-2896.327) total time= 22.5s
[CV 5/5; 556/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2097.515, test=-2703.231) total time= 3.8s
[CV 3/5; 557/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 3/5; 557/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1793.569, test=-2813.980) total time= 7.5s
[CV 1/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 1/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-1381.518, test=-2549.693) total time= 14.9s

[CV 4/5; 559/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 4/5; 559/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-1339.718, test=-2707.360) total time= 18.9s
[CV 3/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 3/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-2185.845, test=-2778.923) total time= 1.1s
[CV 5/5; 561/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10
[CV 5/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=10;; score=(train=-2251.824, test=-2797.130) total time= 1.2s
[CV 3/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1947.825, test=-2757.881) total time= 2.3s
[CV 1/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 1/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-1392.555, test=-2502.563) total time= 5.9s
[CV 4/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 4/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-1589.786, test=-2619.534) total time= 5.9s
[CV 2/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 2/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-848.033, test=-2594.845) total time= 11.6s
[CV 3/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 3/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-263.193, test=-2951.540) total time= 23.2s
[CV 1/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 1/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-16.954, test=-2594.620) total time= 58.0s
[CV 3/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 3/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200;; score=(train=-266.043, test=-2935.979)
total time= 22.9s
[CV 1/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-23.665, test=-2579.683)
total time= 58.5s
[CV 3/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-385.241, test=-2922.130)
total time= 23.1s
[CV 1/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-58.235, test=-2608.333)
total time= 58.0s
[CV 2/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-636.578, test=-2554.353)
total time= 23.2s
[CV 5/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-346.970, test=-2910.488)
total time= 28.4s
[CV 5/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2085.092, test=-2741.571)
total time= 2.3s
[CV 3/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1554.223, test=-2828.475)
total time= 5.5s
[CV 1/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1016.126, test=-2582.241)
total time= 11.2s
[CV 4/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1006.953, test=-2677.939)
total time= 11.2s
[CV 2/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200
[CV 2/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-503.565, test=-2652.831)
total time= 22.6s
[CV 5/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-349.057, test=-2894.907)
total time= 28.9s
[CV 2/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1635.076, test=-2468.385)
total time= 5.6s
[CV 5/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1549.333, test=-2783.018)
total time= 5.6s
[CV 3/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1089.740, test=-2893.356)
total time= 11.3s
[CV 1/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-523.668, test=-2663.542)
total time= 22.7s
[CV 3/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 1/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-209.020, test=-2531.649)
total time= 29.4s
[CV 4/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-21.896, test=-2738.681)
total time= 58.7s
[CV 3/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-170.237, test=-2926.558)
total time= 28.6s
[CV 1/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10
[CV 1/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2307.401, test=-2460.494)
total time= 1.1s
[CV 2/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2338.529, test=-2369.328)
total time= 1.1s
[CV 3/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2220.257, test=-2791.759)
total time= 1.1s
[CV 5/5; 575/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 575/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2290.732, test=-2798.869)
total time= 1.2s
[CV 2/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2075.699, test=-2395.955)
total time= 2.2s
[CV 4/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2088.767, test=-2570.011)
total time= 2.2s
[CV 2/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1582.311, test=-2487.326)
total time= 5.6s
[CV 5/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1529.832, test=-2789.425)
total time= 5.7s
[CV 3/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-978.688, test=-2854.728)
total time= 11.3s
[CV 1/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-452.255, test=-2555.578)

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total time= 23.0s
[CV 3/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-283.659, test=-2936.447)
total time= 28.8s
[CV 1/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2334.682, test=-2465.609)
total time= 1.1s
[CV 2/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2383.071, test=-2375.138)
total time= 1.1s
[CV 3/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2265.428, test=-2773.287)
total time= 1.1s
[CV 5/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2315.342, test=-2809.807)
total time= 1.2s
[CV 2/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2141.225, test=-2365.814)
total time= 2.2s
[CV 4/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2125.096, test=-2581.704)
total time= 2.3s
[CV 2/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1690.225, test=-2462.091)
total time= 5.6s
[CV 5/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1590.344, test=-2833.763)
total time= 5.6s
[CV 3/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

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[CV 3/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1091.874, test=-2854.360)
total time= 11.3s

[CV 5/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 5/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1053.816, test=-2854.758)
total time= 11.4s

[CV 1/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 1/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-501.979, test=-2607.449)
total time= 29.2s

[CV 4/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 4/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-152.963, test=-2805.202)
total time= 58.9s

[CV 2/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 2/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-353.266, test=-2660.772)
total time= 28.1s

[CV 5/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 5/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-80.315, test=-2919.035)
total time= 57.0s

[CV 2/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2341.112, test=-2402.649)
total time= 1.2s

[CV 3/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 3/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2210.010, test=-2776.554)
total time= 1.1s

[CV 4/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 4/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2278.241, test=-2611.280)
total time= 1.1s

[CV 5/5; 568/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 5/5; 568/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2266.726, test=-2809.449)
total time= 1.2s

[CV 1/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 1/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1979.273, test=-2463.471)
total time= 2.2s

[CV 2/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 2/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2062.622, test=-2399.469)
total time= 2.3s

[CV 3/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 3/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1928.290, test=-2760.444)
total time= 2.2s

[CV 5/5; 569/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 5/5; 569/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2007.956, test=-2779.533)
total time= 2.3s

[CV 3/5; 570/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 3/5; 570/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1370.916, test=-2800.931)
total time= 5.6s

[CV 1/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 1/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-797.607, test=-2529.561)
total time= 11.5s

[CV 4/5; 571/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 4/5; 571/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-892.979, test=-2697.537)
total time= 11.6s

[CV 2/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 2/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-340.171, test=-2587.780)
total time= 23.4s

[CV 5/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 5/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-174.820, test=-2890.590)
total time= 28.7s

[CV 5/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 5/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2082.123, test=-2766.794)
total time= 2.3s

[CV 3/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 3/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50;; score=(train=-1525.239, test=-2773.169) total time= 5.6s

[CV 1/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 1/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-990.548, test=-2536.763) total time= 11.4s

[CV 4/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 4/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-1068.749, test=-2687.412) total time= 11.6s

[CV 2/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 2/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-479.389, test=-2587.296) total time= 23.1s

[CV 5/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 5/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-266.919, test=-2890.551) total time= 28.6s

[CV 5/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 5/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-2107.266, test=-2769.716) total time= 2.3s

[CV 3/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 3/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-1600.225, test=-2782.910) total time= 5.6s

[CV 1/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 1/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-1164.629, test=-2555.010) total time= 11.5s

[CV 4/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 4/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-1214.989, test=-2687.482) total time= 11.6s

[CV 4/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 4/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200;; score=(train=-659.432, test=-2740.137)
total time= 23.3s
[CV 3/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-89.973, test=-3030.570)
total time= 57.3s
[CV 4/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-505.968, test=-2754.560)
total time= 22.7s
[CV 1/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-83.314, test=-2672.804)
total time= 56.9s
[CV 2/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-503.565, test=-2650.059)
total time= 22.4s
[CV 5/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-349.057, test=-2892.270)
total time= 28.4s
[CV 2/5; 553/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 553/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-816.641, test=-2689.578)
total time= 37.7s
[CV 3/5; 558/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 558/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1421.452, test=-2901.461)
total time= 15.2s
[CV 1/5; 560/2352] START learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 560/2352] END learning_rate=0.075, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-764.484, test=-2669.013)
total time= 38.1s
[CV 4/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-880.802, test=-2668.679)
total time= 11.8s
[CV 3/5; 566/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250
[CV 3/5; 566/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-153.279, test=-2952.391)
total time= 28.8s
[CV 5/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-14.707, test=-2904.485)
total time= 57.3s
[CV 2/5; 573/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 573/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-203.365, test=-2588.984)
total time= 28.9s
[CV 5/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-20.305, test=-2896.627)
total time= 58.2s
[CV 4/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-378.679, test=-2759.964)
total time= 29.4s
[CV 4/5; 582/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 582/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2331.832, test=-2601.062)
total time= 1.1s
[CV 1/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2125.788, test=-2458.839)
total time= 2.2s
[CV 3/5; 583/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 583/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2032.954, test=-2750.756)
total time= 2.2s
[CV 1/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1668.404, test=-2515.839)
total time= 5.6s
[CV 4/5; 584/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 584/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1750.775, test=-2621.613)

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total time= 5.8s
[CV 2/5; 585/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 585/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1186.434, test=-2509.254)
total time= 11.5s
[CV 1/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-663.047, test=-2597.218)
total time= 23.2s
[CV 4/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-490.213, test=-2780.172)
total time= 28.9s
[CV 5/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2321.874, test=-2769.308)
total time= 1.2s
[CV 2/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2112.577, test=-2385.653)
total time= 2.2s
[CV 4/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2106.879, test=-2585.622)
total time= 2.2s
[CV 2/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1635.076, test=-2474.657)
total time= 5.5s
[CV 5/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1549.333, test=-2779.453)
total time= 5.6s
[CV 3/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1089.740, test=-2892.663)
total time= 11.3s
[CV 5/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

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[CV 5/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-993.592, test=-2845.113)
total time= 11.1s

[CV 1/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 1/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-374.476, test=-2665.785)
total time= 28.3s

[CV 4/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 4/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-88.210, test=-2803.176)
total time= 57.4s

[CV 2/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 2/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-353.266, test=-2666.024)
total time= 28.4s

[CV 5/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 5/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-80.315, test=-2917.747)
total time= 57.5s

[CV 3/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-368.142, test=-2971.977)
total time= 28.7s

[CV 1/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 1/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2330.535, test=-2480.100)
total time= 1.1s

[CV 2/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 2/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2358.852, test=-2378.658)
total time= 1.1s

[CV 3/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 3/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2260.653, test=-2803.602)
total time= 1.1s

[CV 4/5; 589/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 4/5; 589/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2324.179, test=-2605.855)
total time= 1.1s

[CV 1/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

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[CV 1/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2127.597, test=-2445.622)
total time= 2.3s
[CV 3/5; 590/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 590/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2003.775, test=-2784.404)
total time= 2.2s
[CV 1/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1607.927, test=-2494.901)
total time= 5.7s
[CV 4/5; 591/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 591/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1603.681, test=-2607.370)
total time= 5.7s
[CV 2/5; 592/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 592/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1087.698, test=-2572.918)
total time= 11.4s
[CV 1/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-579.962, test=-2627.979)
total time= 23.1s
[CV 4/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-357.867, test=-2771.515)
total time= 28.2s
[CV 3/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2260.653, test=-2802.050)
total time= 1.1s
[CV 5/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2321.874, test=-2768.770)
total time= 1.2s
[CV 2/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2112.577, test=-2381.052)
total time= 2.2s

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[CV 4/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 4/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-2106.879, test=-2585.345) total time= 2.2s
[CV 1/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 1/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1607.927, test=-2497.091) total time= 5.6s
[CV 4/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 4/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1603.681, test=-2608.777) total time= 5.6s
[CV 2/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 2/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-1087.698, test=-2573.896) total time= 11.3s
[CV 5/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 5/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-993.592, test=-2842.534) total time= 11.3s
[CV 1/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 1/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-374.476, test=-2665.382) total time= 28.4s
[CV 4/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 4/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-88.210, test=-2802.999) total time= 57.0s
[CV 2/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 2/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-353.266, test=-2660.490) total time= 28.0s
[CV 5/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 5/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-80.315, test=-2911.979) total time= 57.0s
[CV 3/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 3/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250;; score=(train=-488.122, test=-2945.876)
total time= 28.6s
[CV 1/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2363.691, test=-2471.794)
total time= 1.1s
[CV 2/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2388.503, test=-2346.660)
total time= 1.1s
[CV 3/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2317.748, test=-2776.869)
total time= 1.1s
[CV 4/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2363.663, test=-2602.285)
total time= 1.1s
[CV 1/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2049.886, test=-2444.573)
total time= 2.2s
[CV 3/5; 576/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 576/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1972.637, test=-2761.118)
total time= 2.2s
[CV 1/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1531.259, test=-2477.886)
total time= 5.6s
[CV 4/5; 577/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 577/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1636.595, test=-2626.741)
total time= 5.7s
[CV 2/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1074.563, test=-2535.293)
total time= 11.5s
[CV 5/5; 578/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 5/5; 578/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-922.648, test=-2836.275)
total time= 11.3s
[CV 1/5; 580/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 580/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-349.568, test=-2601.083)
total time= 28.8s
[CV 4/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-64.291, test=-2795.344)
total time= 57.9s
[CV 2/5; 587/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 587/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-501.603, test=-2583.882)
total time= 29.1s
[CV 5/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-109.532, test=-2921.669)
total time= 58.3s
[CV 3/5; 594/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 594/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-400.349, test=-2979.885)
total time= 28.7s
[CV 1/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2330.535, test=-2478.192)
total time= 1.1s
[CV 2/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2358.852, test=-2379.293)
total time= 1.1s
[CV 4/5; 596/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 596/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2324.179, test=-2605.939)
total time= 1.1s
[CV 1/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2127.597, test=-2447.653)

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total time= 2.3s
[CV 3/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2003.775, test=-2783.316)
total time= 2.2s
[CV 5/5; 597/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 597/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2085.092, test=-2742.487)
total time= 2.3s
[CV 3/5; 598/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 598/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1554.223, test=-2826.269)
total time= 5.6s
[CV 1/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1016.126, test=-2580.665)
total time= 11.2s
[CV 4/5; 599/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 599/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1027.688, test=-2663.807)
total time= 11.2s
[CV 4/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-505.968, test=-2752.730)
total time= 22.7s
[CV 2/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-79.895, test=-2689.744)
total time= 56.8s
[CV 4/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-505.968, test=-2752.286)
total time= 22.6s
[CV 1/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-83.314, test=-2676.441)
total time= 57.1s
[CV 3/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

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[CV 3/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-638.559, test=-2931.025)
total time= 23.0s

[CV 1/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 1/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-164.699, test=-2634.930)
total time= 57.6s

[CV 2/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-712.966, test=-2589.794)
total time= 22.2s

[CV 5/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 5/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-536.261, test=-2848.707)
total time= 27.7s

[CV 3/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 3/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-400.349, test=-2978.764)
total time= 28.8s

[CV 1/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 1/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2341.582, test=-2472.304)
total time= 1.1s

[CV 2/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 2/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2376.095, test=-2385.941)
total time= 1.1s

[CV 3/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 3/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2268.819, test=-2794.403)
total time= 1.1s

[CV 5/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 5/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2331.806, test=-2756.579)
total time= 1.2s

[CV 2/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 2/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2185.758, test=-2365.961)
total time= 2.2s

[CV 4/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 4/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-2140.389, test=-2579.721) total time= 2.2s

[CV 2/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 2/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1752.485, test=-2442.084) total time= 5.6s

[CV 5/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 5/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1607.322, test=-2760.554) total time= 5.6s

[CV 3/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 3/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1171.047, test=-2860.307) total time= 11.3s

[CV 1/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 1/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-734.457, test=-2572.532) total time= 23.2s

[CV 4/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 4/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-538.304, test=-2749.659) total time= 28.7s

[CV 5/5; 617/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 5/5; 617/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=10;; score=(train=-2340.739, test=-2740.273) total time= 1.1s

[CV 2/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 2/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2152.312, test=-2361.963) total time= 2.1s

[CV 4/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 4/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2160.666, test=-2582.072) total time= 2.1s

[CV 2/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 2/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50;; score=(train=-1758.281, test=-2432.616)
total time= 5.5s
[CV 5/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1692.310, test=-2740.139)
total time= 5.6s
[CV 3/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1263.587, test=-2855.180)
total time= 11.2s
[CV 1/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-734.129, test=-2666.853)
total time= 22.4s
[CV 4/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-621.822, test=-2768.559)
total time= 28.1s
[CV 3/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2317.748, test=-2777.275)
total time= 1.1s
[CV 5/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2340.739, test=-2739.612)
total time= 1.1s
[CV 2/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2152.312, test=-2362.535)
total time= 2.1s
[CV 4/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2160.666, test=-2582.658)
total time= 2.1s
[CV 2/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1758.280, test=-2428.709)
total time= 5.4s
[CV 5/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 5/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1685.407, test=-2747.881)
total time= 5.6s
[CV 3/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1202.882, test=-2884.860)
total time= 11.0s
[CV 1/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-734.130, test=-2663.603)
total time= 22.3s
[CV 4/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 561/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2271.694, test=-2593.871)
total time= 1.1s
[CV 1/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1992.183, test=-2447.074)
total time= 2.2s
[CV 4/5; 562/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 562/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2054.706, test=-2576.573)
total time= 2.3s
[CV 2/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1415.576, test=-2505.410)
total time= 5.7s
[CV 5/5; 563/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 563/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1292.254, test=-2822.106)
total time= 5.6s
[CV 3/5; 564/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 564/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-757.224, test=-2944.590)
total time= 11.4s
[CV 4/5; 565/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 565/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-312.707, test=-2733.735)

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total time= 23.7s
[CV 2/5; 567/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 567/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-24.635, test=-2670.746)
total time= 58.4s
[CV 4/5; 572/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 572/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-362.584, test=-2757.419)
total time= 23.3s
[CV 2/5; 574/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 574/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-26.333, test=-2609.287)
total time= 58.1s
[CV 5/5; 579/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 579/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-370.168, test=-2888.131)
total time= 22.8s
[CV 2/5; 581/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 581/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-69.616, test=-2624.629)
total time= 58.0s
[CV 3/5; 586/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 586/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-539.393, test=-2949.565)
total time= 23.0s
[CV 1/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-135.786, test=-2641.091)
total time= 58.9s
[CV 5/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-483.044, test=-2888.863)
total time= 22.9s
[CV 3/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-76.636, test=-3007.360)
total time= 57.2s
[CV 5/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 5/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-483.044, test=-2884.100)
total time= 22.6s
[CV 3/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-76.636, test=-3005.225)
total time= 56.6s
[CV 3/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-545.447, test=-2970.321)
total time= 22.8s
[CV 2/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-79.948, test=-2687.599)
total time= 56.9s
[CV 2/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-696.427, test=-2598.586)
total time= 23.1s
[CV 5/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-488.441, test=-2874.855)
total time= 28.8s
[CV 5/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2131.357, test=-2702.460)
total time= 2.3s
[CV 3/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1725.211, test=-2802.953)
total time= 5.6s
[CV 1/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1235.763, test=-2587.314)
total time= 11.3s
[CV 4/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1321.262, test=-2660.515)
total time= 11.4s

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[CV 5/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 5/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-680.223, test=-2837.226)
total time= 22.3s
[CV 3/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 3/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-183.959, test=-3026.438)
total time= 56.4s
[CV 5/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 5/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-680.223, test=-2835.286)
total time= 22.2s
[CV 4/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 4/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-2106.879, test=-2586.909)
total time= 2.2s
[CV 2/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 2/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-1635.076, test=-2466.699)
total time= 5.6s
[CV 5/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 5/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-1549.333, test=-2782.394)
total time= 5.5s
[CV 3/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 3/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-1089.740, test=-2887.097)
total time= 11.3s
[CV 1/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 1/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-554.629, test=-2607.200)
total time= 22.9s
[CV 4/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 4/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-357.867, test=-2774.949)
total time= 28.4s
[CV 4/5; 610/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=10
[CV 4/5; 610/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=10;; score=(train=-2351.569, test=-2589.377)
total time= 1.1s
[CV 1/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2140.809, test=-2438.903)
total time= 2.2s
[CV 3/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2053.463, test=-2767.729)
total time= 2.2s
[CV 1/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1667.056, test=-2469.968)
total time= 5.5s
[CV 4/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1699.417, test=-2616.763)
total time= 5.6s
[CV 2/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1219.910, test=-2511.553)
total time= 11.5s
[CV 5/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1089.426, test=-2787.174)
total time= 11.3s
[CV 1/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-590.146, test=-2586.737)
total time= 29.2s
[CV 4/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-146.152, test=-2785.161)
total time= 57.6s
[CV 2/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-531.470, test=-2580.949)
total time= 27.3s
[CV 5/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500
[CV 5/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-191.231, test=-2932.875)
total time= 56.1s
[CV 3/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-518.315, test=-2989.878)
total time= 27.8s
[CV 1/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2363.691, test=-2473.516)
total time= 1.1s
[CV 3/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2317.748, test=-2776.995)
total time= 1.1s
[CV 5/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2340.739, test=-2739.591)
total time= 1.1s
[CV 2/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2152.312, test=-2351.946)
total time= 2.2s
[CV 5/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2131.357, test=-2702.381)
total time= 2.3s
[CV 3/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1725.211, test=-2803.692)
total time= 5.5s
[CV 1/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1235.763, test=-2589.282)
total time= 11.1s
[CV 4/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1321.262, test=-2660.026)

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total time= 11.3s
[CV 5/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-705.903, test=-2899.014)
total time= 22.5s
[CV 3/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-180.886, test=-3035.426)
total time= 56.0s[CV 3/5; 601/2352] END learning_rate=0.075, max_depth=8,
min_samples_leaf=5, min_samples_split=5, n_estimators=250;;
score=(train=-400.349, test=-2979.035) total time= 28.7s
[CV 2/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2358.852, test=-2383.085)
total time= 1.1s
[CV 4/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2324.179, test=-2605.929)
total time= 1.1s
[CV 1/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2127.597, test=-2447.155)
total time= 2.2s
[CV 3/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2003.775, test=-2785.172)
total time= 2.1s
[CV 1/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1607.927, test=-2494.682)
total time= 5.6s
[CV 4/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1603.681, test=-2604.694)
total time= 5.6s
[CV 2/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1087.698, test=-2569.570)
total time= 11.3s

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[CV 5/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 5/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-993.592, test=-2844.273) total time= 11.3s
[CV 1/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 1/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-374.476, test=-2669.963) total time= 28.3s
[CV 4/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 4/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-88.210, test=-2797.700) total time= 57.0s
[CV 2/5; 615/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 2/5; 615/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-532.576, test=-2620.284) total time= 28.4s
[CV 5/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 5/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-149.954, test=-2891.165) total time= 57.1s
[CV 3/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 3/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-518.315, test=-2991.661) total time= 27.8s
[CV 1/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 1/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2363.691, test=-2473.849) total time= 1.1s
[CV 2/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2388.503, test=-2347.083) total time= 1.1s
[CV 4/5; 624/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 4/5; 624/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2363.663, test=-2602.124) total time= 1.1s
[CV 1/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 1/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-2145.374, test=-2449.884)
total time= 2.1s
[CV 3/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2101.389, test=-2756.560)
total time= 2.1s
[CV 1/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1725.940, test=-2509.461)
total time= 5.4s
[CV 4/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1739.162, test=-2626.601)
total time= 5.5s
[CV 2/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1227.477, test=-2527.905)
total time= 10.9s
[CV 5/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1190.113, test=-2827.958)
total time= 11.1s
[CV 1/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-586.372, test=-2683.830)
total time= 28.0s
[CV 4/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-225.327, test=-2812.409)
total time= 56.4s
[CV 2/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-559.065, test=-2578.351)
total time= 28.3s
[CV 5/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-191.231, test=-2933.809)
total time= 56.7s
[CV 3/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250
[CV 3/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-518.315, test=-2987.830)
total time= 27.8s
[CV 1/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 601/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 601/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-357.867, test=-2770.620)
total time= 28.3s
[CV 1/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2330.535, test=-2477.996)
total time= 1.1s
[CV 3/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2260.653, test=-2801.353)
total time= 1.1s
[CV 5/5; 603/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 603/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2321.874, test=-2769.308)
total time= 1.2s
[CV 2/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2112.577, test=-2381.523)
total time= 2.2s
[CV 5/5; 604/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 604/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2085.092, test=-2741.854)
total time= 2.3s
[CV 3/5; 605/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 605/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1554.223, test=-2826.744)
total time= 5.6s
[CV 1/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1016.126, test=-2573.719)
total time= 11.2s
[CV 4/5; 606/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

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[CV 4/5; 606/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1006.953, test=-2679.964)
total time= 11.3s
[CV 5/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-483.044, test=-2881.109)
total time= 22.8s
[CV 3/5; 609/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 609/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-76.636, test=-3011.892)
total time= 57.0s
[CV 4/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-684.294, test=-2732.221)
total time= 22.9s
[CV 2/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-138.600, test=-2672.785)
total time= 57.0s
[CV 3/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-731.566, test=-2954.664)
total time= 22.4s
[CV 1/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-183.300, test=-2723.007)
total time= 55.9s
[CV 2/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-685.499, test=-2549.097)
total time= 21.9s
[CV 5/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-539.301, test=-2917.685)
total time= 28.1s
[CV 3/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2101.389, test=-2756.560)
total time= 2.1s

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[CV 1/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 1/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1725.940, test=-2511.703) total time= 5.4s

[CV 4/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 4/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-1739.162, test=-2628.603) total time= 5.5s

[CV 2/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 2/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1263.243, test=-2488.962) total time= 11.1s

[CV 5/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 5/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1190.113, test=-2824.978) total time= 11.0s

[CV 1/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 1/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-586.372, test=-2682.715) total time= 27.9s

[CV 4/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 4/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-225.327, test=-2809.784) total time= 56.5s

[CV 2/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 2/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-547.272, test=-2627.926) total time= 27.8s

[CV 5/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 5/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-183.808, test=-2914.931) total time= 56.8s

[CV 3/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 3/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-671.705, test=-2975.542) total time= 27.7s

[CV 2/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 2/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10;; score=(train=-2409.149, test=-2362.507)
total time= 1.1s
[CV 4/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-621.822, test=-2766.961)
total time= 28.3s
[CV 2/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2388.503, test=-2351.437)
total time= 1.1s
[CV 4/5; 631/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 631/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2363.663, test=-2602.076)
total time= 1.1s
[CV 1/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2145.374, test=-2450.968)
total time= 2.1s
[CV 4/5; 632/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 632/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2160.666, test=-2583.322)
total time= 2.1s
[CV 2/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1758.280, test=-2430.641)
total time= 5.5s
[CV 5/5; 633/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 633/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1685.407, test=-2749.574)
total time= 5.5s
[CV 3/5; 634/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 634/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1202.882, test=-2885.917)
total time= 11.0s
[CV 1/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-734.130, test=-2668.548)
total time= 22.1s
[CV 4/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-621.822, test=-2767.661)
total time= 28.4s
[CV 3/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2317.748, test=-2777.840)
total time= 1.1s
[CV 5/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2340.739, test=-2739.612)
total time= 1.1s
[CV 2/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2152.312, test=-2355.844)
total time= 2.1s
[CV 4/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2160.666, test=-2583.568)
total time= 2.2s
[CV 2/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1756.424, test=-2422.950)
total time= 5.5s
[CV 5/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1685.407, test=-2749.361)
total time= 5.5s
[CV 3/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1263.587, test=-2853.690)
total time= 11.1s
[CV 1/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-734.130, test=-2664.167)
total time= 22.3s
[CV 4/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-621.822, test=-2769.920)
total time= 28.5s
[CV 3/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10
[CV 3/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2337.735, test=-2763.406)
total time= 1.1s
[CV 5/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2334.285, test=-2738.297)
total time= 1.1s
[CV 2/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2209.087, test=-2353.546)
total time= 2.1s
[CV 5/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2154.494, test=-2697.567)
total time= 2.2s
[CV 3/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1759.536, test=-2780.239)
total time= 5.3s
[CV 1/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1316.828, test=-2555.935)
total time= 10.9s
[CV 4/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1388.388, test=-2716.714)
total time= 10.9s
[CV 3/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-820.310, test=-2945.088)
total time= 22.0s
[CV 5/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-654.557, test=-2893.011)
total time= 27.5s
[CV 5/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 1/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2145.374, test=-2449.190)
total time= 2.2s
[CV 3/5; 618/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 618/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2101.389, test=-2757.098)
total time= 2.1s
[CV 1/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1725.940, test=-2510.702)
total time= 5.4s
[CV 4/5; 619/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 619/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1739.162, test=-2629.583)
total time= 5.5s
[CV 2/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1227.477, test=-2526.087)
total time= 11.0s
[CV 5/5; 620/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 620/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1190.113, test=-2822.157)
total time= 11.1s
[CV 1/5; 622/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 622/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-545.295, test=-2689.388)
total time= 27.8s
[CV 4/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-225.327, test=-2810.310)
total time= 56.9s
[CV 2/5; 629/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 629/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-548.744, test=-2601.727)
total time= 28.0s
[CV 5/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-193.992, test=-2875.357)
total time= 56.3s

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[CV 3/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 3/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-529.970, test=-2988.350)
total time= 28.2s

[CV 1/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 1/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2363.691, test=-2472.377)
total time= 1.1s

[CV 2/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 2/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2388.503, test=-2352.522)
total time= 1.1s

[CV 4/5; 638/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 4/5; 638/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2363.663, test=-2602.209)
total time= 1.1s

[CV 1/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 1/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2145.374, test=-2451.040)
total time= 2.2s

[CV 3/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20
[CV 3/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-2101.389, test=-2757.046)
total time= 2.2s

[CV 1/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 1/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1725.940, test=-2511.394)
total time= 5.5s

[CV 4/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50
[CV 4/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-1739.162, test=-2631.714)
total time= 5.5s

[CV 2/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 2/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-1227.477, test=-2525.553)
total time= 11.0s

[CV 5/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 5/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,


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min_samples_split=15, n_estimators=100;; score=(train=-1162.719, test=-2809.682)
total time= 11.1s
[CV 1/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-586.372, test=-2683.211)
total time= 28.0s
[CV 4/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-225.327, test=-2812.118)
total time= 56.5s
[CV 2/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-693.507, test=-2635.735)
total time= 27.5s
[CV 5/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-268.181, test=-2945.232)
total time= 56.0s
[CV 3/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-670.932, test=-2977.571)
total time= 27.6s
[CV 1/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2374.263, test=-2453.214)
total time= 1.0s
[CV 3/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2337.735, test=-2762.493)
total time= 1.1s
[CV 5/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2334.285, test=-2738.297)
total time= 1.0s
[CV 2/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-182.326, test=-2647.913)
total time= 56.3s
[CV 3/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200
[CV 3/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-664.325, test=-2970.321)
total time= 22.3s
[CV 1/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-183.300, test=-2722.401)
total time= 56.1s
[CV 2/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-712.967, test=-2590.895)
total time= 22.3s
[CV 5/5; 643/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 643/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-536.261, test=-2853.225)
total time= 27.3s
[CV 4/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2185.464, test=-2576.110)
total time= 2.1s
[CV 2/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1862.148, test=-2446.558)
total time= 5.5s
[CV 5/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1738.828, test=-2748.161)
total time= 5.5s
[CV 3/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1324.097, test=-2863.569)
total time= 10.9s
[CV 1/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-821.488, test=-2620.725)
total time= 21.8s
[CV 4/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-709.601, test=-2793.472)

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total time= 27.4s
[CV 1/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2374.263, test=-2453.598)
total time= 1.1s
[CV 3/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2337.735, test=-2762.436)
total time= 1.0s
[CV 5/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2334.285, test=-2738.277)
total time= 1.1s
[CV 2/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2209.087, test=-2355.675)
total time= 2.1s
[CV 4/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2185.464, test=-2577.914)
total time= 2.1s
[CV 2/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1862.148, test=-2444.555)
total time= 5.6s
[CV 5/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1738.828, test=-2747.638)
total time= 5.5s
[CV 3/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1324.097, test=-2860.868)
total time= 10.6s
[CV 1/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-819.969, test=-2638.372)
total time= 21.9s
[CV 4/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

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[CV 4/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-709.601, test=-2796.044)
total time= 27.3s
[CV 2/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2409.149, test=-2362.336)
total time= 1.1s
[CV 4/5; 659/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 659/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2379.029, test=-2597.414)
total time= 1.1s
[CV 1/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2179.100, test=-2454.911)
total time= 2.1s
[CV 3/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2128.811, test=-2751.785)
total time= 2.1s
[CV 1/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1798.565, test=-2508.044)
total time= 5.4s
[CV 4/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1807.129, test=-2619.344)
total time= 5.4s
[CV 2/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1426.653, test=-2544.476)
total time= 11.0s
[CV 2/5; 588/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 588/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-113.483, test=-2632.733)
total time= 57.6s
[CV 3/5; 593/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 593/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-545.447, test=-2969.591)
total time= 23.0s

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[CV 2/5; 595/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 2/5; 595/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-80.177, test=-2691.006)
total time= 56.8s
[CV 3/5; 600/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 3/5; 600/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-545.447, test=-2967.859)
total time= 23.0s
[CV 1/5; 602/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 602/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-83.314, test=-2671.586)
total time= 57.1s
[CV 2/5; 607/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 2/5; 607/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-545.109, test=-2651.948)
total time= 22.7s
[CV 5/5; 608/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 5/5; 608/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-349.057, test=-2903.056)
total time= 28.5s
[CV 5/5; 611/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 5/5; 611/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-2089.831, test=-2736.393)
total time= 2.2s
[CV 3/5; 612/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 3/5; 612/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1658.055, test=-2802.472)
total time= 5.5s
[CV 1/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 1/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1207.637, test=-2527.893)
total time= 11.2s
[CV 4/5; 613/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 4/5; 613/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1202.300, test=-2679.705)
total time= 11.4s
[CV 5/5; 614/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 5/5; 614/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-589.401, test=-2861.952)
total time= 22.8s
[CV 3/5; 616/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 616/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-142.883, test=-2978.433)
total time= 57.6s
[CV 4/5; 621/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 621/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-787.344, test=-2732.884)
total time= 22.7s
[CV 2/5; 623/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 623/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-179.181, test=-2639.893)
total time= 56.4s
[CV 4/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-787.344, test=-2735.009)
total time= 22.7s
[CV 3/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-180.886, test=-3042.669)
total time= 56.3s
[CV 4/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-787.344, test=-2732.716)
total time= 22.5s
[CV 2/5; 637/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 637/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-179.181, test=-2634.059)
total time= 56.4s
[CV 4/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-787.344, test=-2738.550)
total time= 22.6s
[CV 2/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-169.792, test=-2665.029)
total time= 56.7s
[CV 4/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200
[CV 4/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-841.318, test=-2773.277)
total time= 22.0s
[CV 2/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-272.541, test=-2707.417)
total time= 55.9s
[CV 2/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-867.549, test=-2611.696)
total time= 22.3s
[CV 2/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-272.541, test=-2707.366)
total time= 55.5s
[CV 2/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-867.549, test=-2618.345)
total time= 22.3s
[CV 5/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-654.557, test=-2891.565)
total time= 27.9s
[CV 5/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2154.494, test=-2697.086)
total time= 2.2s
[CV 5/5; 625/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 625/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2131.357, test=-2702.708)
total time= 2.2s
[CV 3/5; 626/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 626/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1725.211, test=-2804.245)
total time= 5.5s
[CV 1/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1235.763, test=-2586.753)

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total time= 11.0s
[CV 4/5; 627/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 627/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1321.262, test=-2663.087)
total time= 11.3s
[CV 3/5; 628/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 628/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-663.421, test=-2971.141)
total time= 22.2s
[CV 1/5; 630/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 630/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-183.300, test=-2721.451)
total time= 55.9s
[CV 2/5; 635/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 635/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-712.967, test=-2591.415)
total time= 22.3s
[CV 5/5; 636/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 636/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-539.301, test=-2916.235)
total time= 28.2s
[CV 5/5; 639/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 639/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2131.357, test=-2701.837)
total time= 2.3s
[CV 3/5; 640/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 640/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1706.339, test=-2801.175)
total time= 5.4s
[CV 1/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1235.763, test=-2587.504)
total time= 11.0s
[CV 4/5; 641/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 641/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1321.262, test=-2663.566)
total time= 11.3s
[CV 5/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

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[CV 5/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-705.903, test=-2899.295)
total time= 22.5s

[CV 3/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 3/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-195.042, test=-3032.457)
total time= 56.8s

[CV 5/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 5/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-819.323, test=-2865.636)
total time= 22.2s

[CV 3/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 3/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-264.518, test=-3052.685)
total time= 56.3s

[CV 5/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 5/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-798.142, test=-2874.713)
total time= 22.3s

[CV 3/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 3/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-262.248, test=-3047.530)
total time= 56.2s

[CV 5/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 5/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-819.323, test=-2865.324)
total time= 22.5s

[CV 3/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 3/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-253.498, test=-3057.935)
total time= 56.1s

[CV 5/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 5/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-819.323, test=-2863.268)
total time= 22.2s

[CV 3/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 3/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-262.248, test=-3046.649)
total time= 55.9s

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[CV 5/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1584.068, test=-2799.710)
total time= 12.2s
[CV 2/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2560.828, test=-2321.043)
total time= 0.5s
[CV 4/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2502.721, test=-2573.080)
total time= 0.5s
[CV 1/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2456.244, test=-2412.678)
total time= 1.0s
[CV 4/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2435.379, test=-2545.803)
total time= 1.0s
[CV 2/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2337.567, test=-2380.569)
total time= 2.5s
[CV 5/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2209.087, test=-2350.112)
total time= 2.2s
[CV 4/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2185.464, test=-2577.018)
total time= 2.1s
[CV 2/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1862.148, test=-2447.792)
total time= 5.5s
[CV 5/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50
[CV 5/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1738.828, test=-2747.340)
total time= 5.4s
[CV 3/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1317.969, test=-2853.933)
total time= 10.9s
[CV 1/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-821.488, test=-2624.468)
total time= 21.8s
[CV 3/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-670.932, test=-2974.892)
total time= 27.6s
[CV 1/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2374.263, test=-2452.982)
total time= 1.0s
[CV 3/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2337.735, test=-2763.406)
total time= 1.1s
[CV 5/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2334.285, test=-2738.297)
total time= 1.1s
[CV 2/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2209.087, test=-2355.740)
total time= 2.1s
[CV 4/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2185.464, test=-2576.543)
total time= 2.1s
[CV 2/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1862.148, test=-2444.494)

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total time= 5.5s
[CV 5/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1738.828, test=-2748.309)
total time= 5.5s
[CV 3/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1324.097, test=-2860.433)
total time= 11.0s
[CV 1/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-821.488, test=-2622.906)
total time= 22.1s
[CV 4/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-709.601, test=-2793.357)
total time= 27.9s
[CV 4/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2502.721, test=-2573.080)
total time= 0.5s
[CV 1/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2456.244, test=-2413.132)
total time= 1.0s
[CV 3/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2390.909, test=-2741.682)
total time= 1.0s
[CV 5/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2385.544, test=-2697.611)
total time= 1.0s
[CV 2/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2335.615, test=-2363.803)
total time= 2.5s
[CV 5/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

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[CV 5/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2230.771, test=-2727.224)
total time= 2.5s
[CV 3/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2047.563, test=-2806.881)
total time= 4.9s
[CV 1/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1759.401, test=-2472.760)
total time= 9.9s
[CV 4/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1792.682, test=-2648.508)
total time= 10.0s
[CV 2/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1692.138, test=-2564.627)
total time= 12.5s
[CV 4/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1186.703, test=-2745.902)
total time= 24.7s
[CV 4/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 652/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 652/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2379.029, test=-2597.485)
total time= 1.1s
[CV 1/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2179.100, test=-2451.987)
total time= 2.1s
[CV 3/5; 653/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2128.811, test=-2749.172)
total time= 2.1s
[CV 1/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50;; score=(train=-1798.565, test=-2508.068)
total time= 5.4s
[CV 4/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1807.129, test=-2618.372)
total time= 5.4s
[CV 2/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1426.653, test=-2531.690)
total time= 11.2s
[CV 5/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1305.590, test=-2797.022)
total time= 11.1s
[CV 1/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-682.267, test=-2649.368)
total time= 27.9s
[CV 4/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-295.788, test=-2825.946)
total time= 56.0s
[CV 2/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-719.374, test=-2642.367)
total time= 28.0s
[CV 5/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-268.181, test=-2946.675)
total time= 55.9s
[CV 3/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-687.266, test=-2962.298)
total time= 27.7s
[CV 1/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2530.967, test=-2422.739)
total time= 0.5s
[CV 2/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10
[CV 2/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2560.828, test=-2325.255)
total time= 0.5s
[CV 3/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 5/5; 673/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 673/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2466.035, test=-2730.203)
total time= 0.5s
[CV 2/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2483.449, test=-2323.610)
total time= 1.0s
[CV 4/5; 674/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 674/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2435.379, test=-2545.803)
total time= 1.0s
[CV 1/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2305.968, test=-2404.591)
total time= 2.5s
[CV 4/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2314.950, test=-2571.134)
total time= 2.5s
[CV 2/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2130.563, test=-2454.132)
total time= 4.9s
[CV 5/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-2013.786, test=-2757.967)
total time= 4.9s
[CV 3/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1738.652, test=-2911.247)

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total time= 9.9s
[CV 1/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1608.707, test=-2502.564)
total time= 12.1s
[CV 2/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1181.325, test=-2683.312)
total time= 24.3s
[CV 4/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1798.970, test=-2628.263)
total time= 9.8s
[CV 2/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1196.091, test=-2713.991)
total time= 24.4s
[CV 4/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1836.384, test=-2594.308)
total time= 9.8s
[CV 2/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2374.263, test=-2451.860)
total time= 0.8s
[CV 2/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2409.149, test=-2364.511)
total time= 1.1s
[CV 4/5; 645/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 645/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2379.029, test=-2597.479)
total time= 1.1s
[CV 1/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2179.100, test=-2453.564)
total time= 2.1s
[CV 3/5; 646/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

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[CV 3/5; 646/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2128.811, test=-2748.556)
total time= 2.1s
[CV 1/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1798.565, test=-2510.700)
total time= 5.4s
[CV 4/5; 647/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 647/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1807.129, test=-2619.620)
total time= 5.5s
[CV 2/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1426.653, test=-2538.000)
total time= 11.3s
[CV 5/5; 648/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 648/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1305.590, test=-2797.912)
total time= 11.0s
[CV 1/5; 650/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 650/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-699.523, test=-2650.989)
total time= 27.6s
[CV 4/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-295.788, test=-2827.247)
total time= 56.1s
[CV 2/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-719.374, test=-2640.751)
total time= 28.0s
[CV 5/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-268.181, test=-2942.543)
total time= 56.4s
[CV 4/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-709.601, test=-2790.350)
total time= 27.8s

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[CV 2/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 2/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2409.149, test=-2361.172) total time= 1.1s
[CV 4/5; 666/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 666/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2379.029, test=-2597.526) total time= 1.1s
[CV 1/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2179.100, test=-2452.172) total time= 2.1s
[CV 3/5; 667/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 667/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2128.811, test=-2752.715) total time= 2.1s
[CV 1/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1798.565, test=-2510.817) total time= 5.4s
[CV 4/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 4/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1807.129, test=-2618.581) total time= 5.4s
[CV 2/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 2/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1426.653, test=-2538.258) total time= 11.1s
[CV 5/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 5/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1305.590, test=-2796.830) total time= 11.0s
[CV 1/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 1/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-682.267, test=-2651.260) total time= 27.6s
[CV 4/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 4/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500;; score=(train=-295.788, test=-2826.972)
total time= 56.0s
[CV 3/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1176.052, test=-3056.853)
total time= 24.4s
[CV 1/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1635.380, test=-2480.926)
total time= 12.1s
[CV 4/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1196.145, test=-2740.748)
total time= 24.1s
[CV 2/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1733.313, test=-2535.776)
total time= 12.2s
[CV 5/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 653/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2154.494, test=-2697.567)
total time= 2.2s
[CV 3/5; 654/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 654/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1759.533, test=-2780.928)
total time= 5.4s
[CV 1/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1316.829, test=-2556.432)
total time= 10.7s
[CV 4/5; 655/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 655/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1388.388, test=-2717.760)
total time= 11.0s
[CV 4/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-841.318, test=-2772.677)
total time= 21.8s
[CV 5/5; 657/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 5/5; 657/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-654.557, test=-2891.504)
total time= 27.7s
[CV 5/5; 660/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 660/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2154.494, test=-2697.649)
total time= 2.2s
[CV 3/5; 661/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 661/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1759.533, test=-2778.744)
total time= 5.3s
[CV 1/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1316.831, test=-2552.427)
total time= 10.7s
[CV 4/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1388.388, test=-2719.773)
total time= 10.9s
[CV 4/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-841.318, test=-2776.957)
total time= 21.8s
[CV 2/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-272.541, test=-2706.559)
total time= 55.8s
[CV 3/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-840.744, test=-2934.704)
total time= 22.4s
[CV 1/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-287.670, test=-2686.456)
total time= 56.5s
[CV 3/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1625.333, test=-2951.655)

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total time= 12.2s
[CV 5/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1145.750, test=-2858.777)
total time= 24.5s
[CV 5/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1612.248, test=-2794.846)
total time= 12.2s
[CV 3/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 1/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2457.704, test=-2413.472)
total time= 1.0s
[CV 4/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2439.823, test=-2543.739)
total time= 1.0s
[CV 2/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2333.061, test=-2378.179)
total time= 2.5s
[CV 5/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2244.448, test=-2721.670)
total time= 2.5s
[CV 3/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2088.279, test=-2823.565)
total time= 4.9s
[CV 1/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1795.223, test=-2467.510)
total time= 9.7s
[CV 3/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

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[CV 3/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1683.004, test=-2923.935)
total time= 12.3s
[CV 1/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2530.967, test=-2423.109)
total time= 0.5s
[CV 2/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2560.828, test=-2318.171)
total time= 0.5s
[CV 4/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2503.226, test=-2571.930)
total time= 0.5s
[CV 2/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2485.226, test=-2324.108)
total time= 1.0s
[CV 3/5; 642/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 642/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-731.566, test=-2953.608)
total time= 22.5s
[CV 1/5; 644/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 644/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-183.300, test=-2721.280)
total time= 56.3s
[CV 2/5; 649/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 649/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-867.549, test=-2616.806)
total time= 22.3s
[CV 1/5; 651/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 651/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-275.027, test=-2683.509)
total time= 56.3s
[CV 3/5; 656/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 656/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-840.744, test=-2927.860)
total time= 22.1s

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[CV 1/5; 658/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 1/5; 658/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-287.670, test=-2691.948)
total time= 55.8s

[CV 3/5; 663/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 3/5; 663/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-833.088, test=-2929.366)
total time= 22.1s

[CV 1/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 1/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-275.027, test=-2683.682)
total time= 55.9s

[CV 2/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 2/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-847.103, test=-2613.438)
total time= 22.2s

[CV 5/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 5/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-654.557, test=-2892.277)
total time= 28.0s

[CV 3/5; 675/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 3/5; 675/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-2259.711, test=-2774.519)
total time= 2.5s

[CV 1/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 1/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-2081.165, test=-2429.716)
total time= 5.0s

[CV 4/5; 676/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 4/5; 676/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-2122.081, test=-2584.772)
total time= 5.0s

[CV 2/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 2/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-1808.227, test=-2533.115)
total time= 10.0s

[CV 5/5; 677/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 5/5; 677/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-1709.756, test=-2791.189)
total time= 9.8s
[CV 1/5; 679/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 679/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-1122.595, test=-2588.894)
total time= 24.0s
[CV 2/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1820.059, test=-2591.002)
total time= 9.6s
[CV 3/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1622.755, test=-2933.519)
total time= 12.1s
[CV 1/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2530.967, test=-2422.807)
total time= 0.5s
[CV 4/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2503.226, test=-2571.930)
total time= 0.5s
[CV 2/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2485.226, test=-2325.315)
total time= 1.0s
[CV 5/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2386.902, test=-2694.852)
total time= 1.0s
[CV 3/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2259.769, test=-2766.021)
total time= 2.4s
[CV 1/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2102.805, test=-2429.305)
total time= 4.9s
[CV 4/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 4/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2136.834, test=-2565.274)
total time= 4.9s
[CV 3/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1802.153, test=-2899.410)
total time= 9.7s
[CV 1/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1238.933, test=-2579.546)
total time= 24.3s
[CV 2/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1883.518, test=-2471.761)
total time= 9.7s
[CV 5/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 668/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 668/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1759.533, test=-2779.554)
total time= 5.4s
[CV 1/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1316.828, test=-2556.413)
total time= 11.0s
[CV 4/5; 669/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 669/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1388.388, test=-2715.433)
total time= 11.1s
[CV 4/5; 670/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 670/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-841.318, test=-2775.997)
total time= 22.1s
[CV 2/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-272.541, test=-2705.007)
total time= 56.3s
[CV 4/5; 678/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

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[CV 4/5; 678/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-1675.400, test=-2665.348)
total time= 12.2s
[CV 1/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2530.967, test=-2422.739)
total time= 0.5s
[CV 3/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 5/5; 680/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 680/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2466.035, test=-2730.203)
total time= 0.5s
[CV 2/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2483.630, test=-2333.426)
total time= 1.0s
[CV 5/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2385.544, test=-2695.562)
total time= 1.0s
[CV 3/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2260.582, test=-2769.445)
total time= 2.5s
[CV 1/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2082.645, test=-2433.127)
total time= 4.9s
[CV 4/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2117.169, test=-2605.304)
total time= 4.8s
[CV 3/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1748.616, test=-2903.377)
total time= 9.8s

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[CV 1/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1178.720, test=-2576.894)
total time= 24.4s
[CV 2/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1846.344, test=-2513.615)
total time= 9.8s
[CV 5/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1629.012, test=-2799.408)
total time= 12.3s
[CV 5/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2466.756, test=-2730.040)
total time= 0.5s
[CV 3/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2395.462, test=-2736.893)
total time= 1.0s
[CV 1/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2329.888, test=-2418.818)
total time= 2.5s
[CV 4/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2327.871, test=-2565.644)
total time= 2.5s
[CV 2/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2162.003, test=-2429.863)
total time= 4.9s
[CV 5/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2042.771, test=-2749.487)
total time= 4.9s
[CV 1/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250;; score=(train=-1712.835, test=-2462.186)
total time= 12.2s
[CV 4/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1295.327, test=-2781.163)
total time= 24.5s
[CV 2/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1726.958, test=-2520.725)
total time= 12.3s
[CV 5/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1253.113, test=-2833.994)
total time= 24.6s
[CV 3/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1680.031, test=-2656.648)
total time= 12.3s
[CV 2/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2560.828, test=-2326.652)
total time= 0.5s
[CV 5/5; 687/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 687/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2466.756, test=-2730.040)
total time= 0.5s
[CV 3/5; 688/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 688/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2393.862, test=-2739.052)
total time= 1.0s
[CV 1/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2321.642, test=-2414.473)
total time= 2.5s
[CV 4/5; 689/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 689/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2317.560, test=-2563.084)
total time= 2.5s
[CV 2/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 2/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2147.167, test=-2433.796)
total time= 5.0s
[CV 5/5; 690/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 690/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-2039.541, test=-2748.496)
total time= 5.0s
[CV 1/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1664.199, test=-2495.782)
total time= 12.3s
[CV 4/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1235.333, test=-2700.650)
total time= 24.7s
[CV 2/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1762.791, test=-2499.186)
total time= 12.4s
[CV 5/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1238.911, test=-2876.862)
total time= 24.6s
[CV 3/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1679.864, test=-2888.489)
total time= 12.3s
[CV 1/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2539.926, test=-2420.197)
total time= 0.5s
[CV 2/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2560.828, test=-2324.161)
total time= 0.5s
[CV 3/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2460.217, test=-2754.426)

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total time= 0.5s
[CV 4/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2501.144, test=-2571.283)
total time= 0.5s
[CV 1/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2466.618, test=-2406.544)
total time= 1.0s
[CV 4/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2435.704, test=-2540.617)
total time= 1.0s
[CV 2/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2334.663, test=-2368.134)
total time= 2.5s
[CV 5/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2263.312, test=-2697.634)
total time= 2.5s
[CV 3/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2070.117, test=-2792.668)
total time= 5.0s
[CV 1/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1814.829, test=-2448.782)
total time= 9.9s
[CV 4/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1687.263, test=-2631.195)
total time= 12.3s
[CV 4/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2501.144, test=-2571.283)
total time= 0.5s
[CV 1/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

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[CV 1/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2466.618, test=-2407.026)
total time= 1.0s
[CV 3/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2392.294, test=-2738.365)
total time= 1.0s
[CV 1/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2327.487, test=-2409.495)
total time= 2.5s
[CV 4/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2295.225, test=-2542.392)
total time= 2.5s
[CV 5/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2387.996, test=-2698.183)
total time= 1.0s
[CV 3/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2263.923, test=-2757.727)
total time= 2.5s
[CV 5/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2238.029, test=-2721.885)
total time= 2.5s
[CV 3/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2097.178, test=-2785.025)
total time= 4.9s
[CV 1/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1826.257, test=-2451.365)
total time= 9.7s
[CV 3/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1706.066, test=-2893.678)
total time= 12.3s

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[CV 1/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2539.926, test=-2420.215)
total time= 0.5s
[CV 3/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 1/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2466.618, test=-2405.990)
total time= 1.0s
[CV 4/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2435.704, test=-2540.617)
total time= 1.0s
[CV 2/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2334.663, test=-2366.494)
total time= 2.4s
[CV 5/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2263.312, test=-2698.102)
total time= 2.4s
[CV 3/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2070.117, test=-2794.895)
total time= 5.0s
[CV 1/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1814.829, test=-2452.169)
total time= 9.8s
[CV 4/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1687.263, test=-2631.260)
total time= 12.2s
[CV 5/5; 708/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 708/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=10;; score=(train=-2469.122, test=-2707.238)
total time= 0.5s
[CV 2/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2484.661, test=-2321.577)
total time= 1.0s
[CV 5/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2399.204, test=-2678.767)
total time= 1.0s
[CV 3/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2254.537, test=-2763.087)
total time= 2.4s
[CV 1/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2109.823, test=-2432.579)
total time= 4.9s
[CV 4/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2089.217, test=-2569.502)
total time= 4.9s
[CV 3/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1782.605, test=-2852.798)
total time= 9.8s
[CV 1/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1295.242, test=-2541.448)
total time= 24.3s
[CV 2/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1844.702, test=-2504.120)
total time= 9.8s
[CV 5/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1654.861, test=-2768.626)
total time= 12.3s
[CV 3/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20
[CV 3/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2392.294, test=-2738.365)
total time= 1.0s
[CV 1/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2329.641, test=-2407.569)
total time= 2.4s
[CV 4/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2299.585, test=-2560.218)
total time= 2.5s
[CV 2/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1651.609, test=-2806.110)
total time= 12.1s
[CV 5/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2469.122, test=-2707.238)
total time= 0.5s
[CV 3/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2392.294, test=-2738.365)
total time= 1.0s
[CV 1/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2327.487, test=-2409.554)
total time= 2.4s
[CV 4/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2295.225, test=-2543.052)
total time= 2.4s
[CV 2/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2153.362, test=-2448.703)
total time= 4.9s
[CV 5/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2051.264, test=-2717.737)

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total time= 4.9s
[CV 1/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1700.954, test=-2477.406)
total time= 12.3s
[CV 4/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1240.877, test=-2708.577)
total time= 24.6s
[CV 2/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1726.958, test=-2539.273)
total time= 12.3s
[CV 5/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1253.113, test=-2833.038)
total time= 24.6s
[CV 3/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1679.864, test=-2892.530)
total time= 12.2s
[CV 1/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2539.926, test=-2420.197)
total time= 0.5s
[CV 2/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2560.828, test=-2324.161)
total time= 0.5s
[CV 3/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 4/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2501.144, test=-2571.283)
total time= 0.5s
[CV 1/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

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[CV 1/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2466.621, test=-2406.516)
total time= 1.0s
[CV 4/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2439.071, test=-2543.812)
total time= 1.0s
[CV 2/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2350.699, test=-2373.331)
total time= 2.5s
[CV 5/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2271.045, test=-2699.930)
total time= 2.5s
[CV 3/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2075.330, test=-2791.215)
total time= 4.9s
[CV 1/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1845.155, test=-2454.540)
total time= 9.7s
[CV 4/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1727.776, test=-2685.343)
total time= 12.0s
[CV 5/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2475.834, test=-2707.011)
total time= 0.5s
[CV 2/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2488.942, test=-2319.286)
total time= 1.0s
[CV 4/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2440.612, test=-2551.697)
total time= 1.0s

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[CV 2/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50
 [CV 2/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50;; score=(train=-2341.159, test=-2345.838)
 total time= 2.4s
 [CV 5/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50
 [CV 5/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=50;; score=(train=-2271.308, test=-2691.973)
 total time= 2.3s
 [CV 3/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=100
 [CV 3/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=100;; score=(train=-2071.666, test=-2796.350)
 total time= 5.0s
 [CV 5/5; 662/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100
 [CV 5/5; 662/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=100;; score=(train=-1305.590, test=-2796.299)
 total time= 10.9s
 [CV 1/5; 664/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=250
 [CV 1/5; 664/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=250;; score=(train=-682.267, test=-2648.824)
 total time= 27.4s
 [CV 4/5; 665/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=500
 [CV 4/5; 665/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=10, n_estimators=500;; score=(train=-295.788, test=-2830.817)
 total time= 55.7s
 [CV 2/5; 671/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=15, n_estimators=250
 [CV 2/5; 671/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=15, n_estimators=250;; score=(train=-719.374, test=-2637.485)
 total time= 28.0s
 [CV 5/5; 672/2352] START learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=15, n_estimators=500
 [CV 5/5; 672/2352] END learning_rate=0.075, max_depth=8, min_samples_leaf=10,
 min_samples_split=15, n_estimators=500;; score=(train=-268.181, test=-2946.668)
 total time= 56.5s
 [CV 3/5; 681/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20
 [CV 3/5; 681/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=20;; score=(train=-2390.909, test=-2741.451)
 total time= 1.0s
 [CV 1/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=50
 [CV 1/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50;; score=(train=-2308.513, test=-2409.252)
total time= 2.5s
[CV 4/5; 682/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2314.971, test=-2571.435)
total time= 2.5s
[CV 2/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2134.693, test=-2475.643)
total time= 5.0s
[CV 5/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2025.248, test=-2760.632)
total time= 5.0s
[CV 5/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1733.749, test=-2773.066)
total time= 9.9s
[CV 3/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1182.218, test=-3029.287)
total time= 24.7s
[CV 5/5; 691/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 691/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1739.063, test=-2789.817)
total time= 9.8s
[CV 3/5; 693/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1238.717, test=-3017.062)
total time= 24.8s
[CV 5/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1753.797, test=-2787.296)
total time= 9.9s
[CV 3/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1271.534, test=-3029.873)
total time= 24.7s
[CV 5/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200
[CV 5/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1767.392, test=-2758.780)
total time= 9.8s
[CV 3/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1276.531, test=-2997.044)
total time= 24.6s
[CV 5/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1767.392, test=-2754.866)
total time= 9.8s
[CV 2/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1276.567, test=-2637.599)
total time= 24.4s
[CV 3/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1782.605, test=-2854.732)
total time= 9.9s
[CV 1/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1295.242, test=-2540.146)
total time= 24.4s
[CV 2/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1862.416, test=-2520.702)
total time= 9.8s
[CV 5/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1691.652, test=-2754.085)
total time= 12.3s
[CV 5/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2406.006, test=-2680.138)
total time= 1.0s
[CV 3/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2266.605, test=-2766.474)

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total time= 2.5s
[CV 1/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2154.566, test=-2423.555)
total time= 5.0s
[CV 4/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2135.794, test=-2577.196)
total time= 4.9s
[CV 3/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 682/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2226.687, test=-2730.083)
total time= 2.5s
[CV 3/5; 683/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 683/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2053.737, test=-2806.388)
total time= 4.9s
[CV 1/5; 684/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 684/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1764.104, test=-2461.649)
total time= 9.6s
[CV 2/5; 685/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 685/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1705.186, test=-2621.314)
total time= 12.3s
[CV 5/5; 686/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 686/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-1157.494, test=-2847.215)
total time= 24.4s
[CV 4/5; 692/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 692/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1709.061, test=-2618.302)
total time= 12.3s
[CV 3/5; 694/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 694/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 1/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

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[CV 1/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2457.704, test=-2413.560)
total time= 1.0s
[CV 4/5; 695/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 695/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2439.823, test=-2543.739)
total time= 1.0s
[CV 2/5; 696/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 696/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2353.793, test=-2367.463)
total time= 2.5s
[CV 1/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2112.464, test=-2419.184)
total time= 4.9s
[CV 4/5; 697/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 697/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2129.862, test=-2583.689)
total time= 4.9s
[CV 4/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1847.569, test=-2630.623)
total time= 9.8s
[CV 2/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1325.885, test=-2618.639)
total time= 24.6s
[CV 3/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1782.605, test=-2854.473)
total time= 9.9s
[CV 1/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1295.242, test=-2543.849)
total time= 24.6s
[CV 2/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1844.702, test=-2516.086)
total time= 9.9s

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[CV 5/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1654.861, test=-2764.513)
total time= 12.3s
[CV 5/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2399.204, test=-2677.400)
total time= 1.0s
[CV 3/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2254.537, test=-2763.344)
total time= 2.5s
[CV 1/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2109.823, test=-2435.060)
total time= 4.9s
[CV 4/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2089.217, test=-2566.265)
total time= 4.9s
[CV 5/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1767.392, test=-2757.859)
total time= 9.9s
[CV 3/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1276.531, test=-2996.696)
total time= 24.6s
[CV 4/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1839.926, test=-2671.944)
total time= 9.8s
[CV 2/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1325.398, test=-2635.091)
total time= 24.8s
[CV 4/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200;; score=(train=-1870.901, test=-2612.392)
total time= 9.8s
[CV 2/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1351.063, test=-2634.239)
total time= 24.3s
[CV 3/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1807.224, test=-2890.742)
total time= 9.7s
[CV 5/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1194.439, test=-2855.431)
total time= 24.2s
[CV 4/5; 699/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 699/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1735.613, test=-2666.356)
total time= 12.2s
[CV 2/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2560.828, test=-2323.107)
total time= 0.5s
[CV 4/5; 701/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 701/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2501.144, test=-2571.283)
total time= 0.5s
[CV 2/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2484.661, test=-2320.430)
total time= 1.0s
[CV 5/5; 702/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 702/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2399.204, test=-2678.767)
total time= 1.0s
[CV 3/5; 703/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 703/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2254.537, test=-2763.395)
total time= 2.4s
[CV 1/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100;; score=(train=-2109.823, test=-2433.499)
total time= 4.8s
[CV 4/5; 704/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 704/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-2089.217, test=-2571.488)
total time= 4.8s
[CV 4/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1796.345, test=-2614.610)
total time= 9.7s
[CV 2/5; 707/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 707/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1276.567, test=-2642.564)
total time= 24.7s
[CV 4/5; 712/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 712/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1796.345, test=-2615.532)
total time= 9.9s
[CV 3/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1276.531, test=-2992.591)
total time= 24.8s
[CV 4/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1796.345, test=-2613.192)
total time= 9.9s
[CV 2/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1276.567, test=-2641.021)
total time= 24.2s
[CV 3/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1816.961, test=-2854.571)
total time= 9.7s
[CV 1/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1335.366, test=-2532.920)
total time= 23.9s
[CV 2/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=200
[CV 2/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1871.146, test=-2504.611)
total time= 9.7s
[CV 5/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1687.930, test=-2770.800)
total time= 12.3s
[CV 1/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2474.029, test=-2409.755)
total time= 1.0s
[CV 4/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2440.612, test=-2551.704)
total time= 1.0s
[CV 2/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2341.159, test=-2351.280)
total time= 2.5s
[CV 5/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2280.898, test=-2684.211)
total time= 2.5s
[CV 3/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2071.666, test=-2795.912)
total time= 4.8s
[CV 1/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1851.518, test=-2443.436)
total time= 9.6s
[CV 4/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1758.732, test=-2646.078)
total time= 12.2s
[CV 3/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2465.368, test=-2751.236)

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total time= 0.5s
[CV 5/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2475.834, test=-2707.011)
total time= 0.5s
[CV 2/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2488.942, test=-2318.174)
total time= 1.0s
[CV 2/5; 693/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-1258.282, test=-2636.866)
total time= 24.6s
[CV 3/5; 698/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 698/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1809.674, test=-2874.264)
total time= 9.8s
[CV 1/5; 700/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 700/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1281.606, test=-2559.565)
total time= 24.4s
[CV 2/5; 705/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 705/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1844.702, test=-2506.328)
total time= 9.7s
[CV 5/5; 706/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 706/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1654.861, test=-2764.219)
total time= 12.1s
[CV 3/5; 709/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 709/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2392.294, test=-2738.365)
total time= 1.0s
[CV 1/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2327.487, test=-2410.043)
total time= 2.4s
[CV 4/5; 710/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 710/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2295.225, test=-2542.392)

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total time= 2.4s
[CV 2/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2153.362, test=-2432.710)
total time= 4.9s
[CV 5/5; 711/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 711/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-2051.264, test=-2715.362)
total time= 4.9s
[CV 1/5; 713/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1700.954, test=-2474.892)
total time= 12.1s
[CV 4/5; 714/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 714/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1240.877, test=-2708.342)
total time= 24.1s
[CV 2/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1726.958, test=-2534.218)
total time= 12.3s
[CV 5/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-1253.113, test=-2834.782)
total time= 24.5s
[CV 3/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1706.650, test=-2888.883)
total time= 12.2s
[CV 1/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2543.862, test=-2419.425)
total time= 0.5s
[CV 2/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2562.317, test=-2330.936)
total time= 0.5s
[CV 3/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

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[CV 3/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 4/5; 729/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 729/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2501.960, test=-2571.585)
total time= 0.5s
[CV 1/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2474.029, test=-2410.464)
total time= 1.0s
[CV 3/5; 730/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 730/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2401.641, test=-2735.058)
total time= 1.0s
[CV 1/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2346.423, test=-2416.907)
total time= 2.4s
[CV 4/5; 731/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 731/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2305.542, test=-2552.262)
total time= 2.5s
[CV 2/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2164.434, test=-2422.217)
total time= 5.0s
[CV 5/5; 732/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 732/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-2074.979, test=-2701.340)
total time= 4.9s
[CV 1/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1731.438, test=-2469.024)
total time= 12.2s
[CV 4/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1366.917, test=-2726.873)
total time= 24.2s

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[CV 2/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1746.899, test=-2533.137)
total time= 12.1s
[CV 5/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1304.844, test=-2820.185)
total time= 24.2s
[CV 3/5; 713/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1679.864, test=-2889.141)
total time= 12.4s
[CV 1/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2539.926, test=-2420.407)
total time= 0.5s
[CV 2/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2560.828, test=-2317.797)
total time= 0.5s
[CV 3/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2460.217, test=-2754.426)
total time= 0.5s
[CV 5/5; 715/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 715/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2469.122, test=-2707.238)
total time= 0.5s
[CV 2/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2484.661, test=-2319.389)
total time= 1.0s
[CV 4/5; 716/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 716/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2435.704, test=-2540.617)
total time= 1.0s
[CV 2/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2334.663, test=-2373.698)
total time= 2.5s

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[CV 5/5; 717/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 717/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2263.312, test=-2699.709)
total time= 2.5s
[CV 3/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-2070.117, test=-2794.022)
total time= 5.0s
[CV 1/5; 719/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 719/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1814.829, test=-2446.798)
total time= 9.9s
[CV 4/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1687.263, test=-2632.605)
total time= 12.4s
[CV 5/5; 722/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 722/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2471.501, test=-2709.256)
total time= 0.5s
[CV 2/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2484.661, test=-2315.291)
total time= 1.0s
[CV 5/5; 723/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 723/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2396.987, test=-2678.954)
total time= 1.0s
[CV 3/5; 724/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 724/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2260.391, test=-2763.500)
total time= 2.5s
[CV 1/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2142.643, test=-2441.417)
total time= 5.0s
[CV 4/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100;; score=(train=-2105.924, test=-2613.454)
total time= 5.0s
[CV 5/5; 726/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 726/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1782.345, test=-2734.295)
total time= 9.8s
[CV 3/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1310.944, test=-2997.008)
total time= 24.6s
[CV 5/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1798.892, test=-2739.544)
total time= 9.7s
[CV 3/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1344.726, test=-3018.226)
total time= 24.1s
[CV 4/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1870.901, test=-2612.947)
total time= 9.6s
[CV 1/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1325.545, test=-2592.378)
total time= 24.1s
[CV 2/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1871.146, test=-2501.367)
total time= 9.8s
[CV 5/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1687.930, test=-2769.953)
total time= 12.2s
[CV 4/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2440.612, test=-2551.704)
total time= 1.0s
[CV 2/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50
[CV 2/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2341.159, test=-2348.662)
total time= 2.4s
[CV 5/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2271.308, test=-2694.040)
total time= 2.4s
[CV 1/5; 733/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1851.518, test=-2442.210)
total time= 9.7s
[CV 3/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1713.911, test=-2890.028)
total time= 12.3s
[CV 1/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2543.862, test=-2419.239)
total time= 0.5s
[CV 3/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 5/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2475.834, test=-2707.011)
total time= 0.5s
[CV 3/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2401.625, test=-2735.050)
total time= 1.0s
[CV 1/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2346.423, test=-2416.396)
total time= 2.2s
[CV 4/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2305.542, test=-2551.063)

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total time= 2.4s
[CV 2/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2164.434, test=-2413.111)
total time= 4.9s
[CV 5/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2069.602, test=-2719.297)
total time= 4.8s
[CV 1/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1731.438, test=-2467.637)
total time= 12.1s
[CV 4/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1366.917, test=-2726.009)
total time= 24.5s
[CV 2/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1746.899, test=-2536.706)
total time= 12.2s
[CV 5/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1304.844, test=-2819.559)
total time= 24.1s
[CV 3/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1713.911, test=-2890.789)
total time= 14.6s
[CV 1/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2546.591, test=-2420.428)
total time= 0.6s
[CV 2/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2562.137, test=-2334.362)
total time= 0.6s
[CV 4/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

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[CV 4/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2502.653, test=-2571.990)
total time= 0.6s
[CV 1/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2477.814, test=-2406.882)
total time= 1.2s
[CV 2/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2353.394, test=-2359.960)
total time= 2.8s
[CV 2/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2152.611, test=-2422.307)
total time= 4.9s
[CV 1/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1880.339, test=-2448.481)
total time= 9.8s
[CV 3/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1711.416, test=-2859.984)
total time= 12.4s
[CV 2/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2562.137, test=-2327.121)
total time= 0.5s
[CV 3/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 1/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2477.814, test=-2407.019)
total time= 1.0s
[CV 4/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2440.214, test=-2548.311)
total time= 1.0s

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[CV 2/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=50
 [CV 2/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=50;; score=(train=-2353.394, test=-2355.164)
 total time= 2.4s
 [CV 5/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
 min_samples_split=5, n_estimators=50
 [CV 2/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100
 [CV 2/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100;; score=(train=-2153.362, test=-2435.271)
 total time= 5.0s
 [CV 5/5; 718/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100
 [CV 5/5; 718/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=100;; score=(train=-2051.264, test=-2718.087)
 total time= 5.0s
 [CV 1/5; 720/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=250
 [CV 1/5; 720/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=250;; score=(train=-1700.954, test=-2478.390)
 total time= 12.3s
 [CV 4/5; 721/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=500
 [CV 4/5; 721/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=10, n_estimators=500;; score=(train=-1240.877, test=-2707.382)
 total time= 24.7s
 [CV 2/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250
 [CV 2/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=250;; score=(train=-1743.471, test=-2547.007)
 total time= 12.3s
 [CV 5/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=500
 [CV 5/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
 min_samples_split=15, n_estimators=500;; score=(train=-1274.056, test=-2840.647)
 total time= 24.5s
 [CV 4/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250
 [CV 4/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=2, n_estimators=250;; score=(train=-1758.732, test=-2646.713)
 total time= 12.2s
 [CV 2/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10
 [CV 2/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
 min_samples_split=5, n_estimators=10;; score=(train=-2562.317, test=-2323.008)
 total time= 0.5s
 [CV 4/5; 736/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10
[CV 4/5; 736/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2501.960, test=-2571.585)
total time= 0.5s
[CV 2/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2488.942, test=-2320.519)
total time= 1.0s
[CV 5/5; 737/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 737/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2407.651, test=-2681.369)
total time= 1.0s
[CV 3/5; 738/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 738/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2266.601, test=-2766.689)
total time= 2.6s
[CV 1/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2154.566, test=-2422.799)
total time= 4.9s
[CV 4/5; 739/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 739/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-2135.794, test=-2574.477)
total time= 4.9s
[CV 5/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1798.892, test=-2738.803)
total time= 9.7s
[CV 3/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1344.726, test=-3019.092)
total time= 24.5s
[CV 4/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1870.901, test=-2613.009)
total time= 9.7s
[CV 2/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1351.063, test=-2629.641)

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total time= 24.3s
[CV 3/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1807.224, test=-2890.457)
total time= 9.8s
[CV 1/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1325.545, test=-2589.751)
total time= 13.0s
[CV 2/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2491.184, test=-2321.680)
total time= 0.5s
[CV 4/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2440.214, test=-2547.821)
total time= 0.5s
[CV 1/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2339.240, test=-2418.788)
total time= 2.7s
[CV 1/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2168.457, test=-2419.382)
total time= 4.9s
[CV 5/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2103.109, test=-2708.511)
total time= 4.9s
[CV 4/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1864.185, test=-2617.755)
total time= 9.7s
[CV 2/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1385.958, test=-2615.565)
total time= 24.1s
[CV 4/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

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[CV 4/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1864.185, test=-2621.389)
total time= 9.6s

[CV 2/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 2/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2158.277, test=-2421.589)
total time= 5.0s

[CV 5/5; 725/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 5/5; 725/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2078.308, test=-2705.974)
total time= 4.9s

[CV 1/5; 727/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 1/5; 727/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1729.864, test=-2465.466)
total time= 12.2s

[CV 4/5; 728/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 4/5; 728/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1315.929, test=-2743.572)
total time= 24.3s

[CV 2/5; 734/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 2/5; 734/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1746.899, test=-2540.935)
total time= 12.1s

[CV 5/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 5/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1304.844, test=-2822.863)
total time= 24.4s

[CV 3/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 3/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1713.451, test=-2914.084)
total time= 12.3s

[CV 1/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 1/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2543.862, test=-2419.179)
total time= 0.4s

[CV 2/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 2/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2562.317, test=-2320.204)
total time= 0.5s

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[CV 4/5; 743/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 743/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2501.960, test=-2571.585)
total time= 0.5s
[CV 1/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2474.029, test=-2409.593)
total time= 1.0s
[CV 3/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2401.666, test=-2734.978)
total time= 1.0s
[CV 1/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2346.423, test=-2417.357)
total time= 2.4s
[CV 4/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2305.542, test=-2550.703)
total time= 2.5s
[CV 2/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2164.434, test=-2422.827)
total time= 4.9s
[CV 5/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2074.979, test=-2700.860)
total time= 4.9s
[CV 1/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1731.438, test=-2470.988)
total time= 12.1s
[CV 4/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1366.917, test=-2726.409)
total time= 24.2s
[CV 2/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250;; score=(train=-1746.899, test=-2536.561)
total time= 13.6s
[CV 5/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1309.038, test=-2825.382)
total time= 25.5s
[CV 1/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1376.356, test=-2595.652)
total time= 24.1s
[CV 2/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1882.921, test=-2497.416)
total time= 9.7s
[CV 5/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1732.060, test=-2766.203)
total time= 12.1s
[CV 2/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2491.184, test=-2316.561)
total time= 1.0s
[CV 5/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2406.983, test=-2678.243)
total time= 1.0s
[CV 3/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2282.399, test=-2766.659)
total time= 2.4s
[CV 1/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2168.457, test=-2420.242)
total time= 4.9s
[CV 4/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2134.811, test=-2589.403)
total time= 4.9s
[CV 4/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200
[CV 4/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1864.185, test=-2622.121)
total time= 9.7s
[CV 3/5; 733/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1820.196, test=-2871.638)
total time= 9.7s
[CV 1/5; 735/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 735/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-1325.545, test=-2593.805)
total time= 24.2s
[CV 2/5; 740/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 740/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1871.146, test=-2511.490)
total time= 9.7s
[CV 5/5; 741/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 741/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1687.165, test=-2769.318)
total time= 12.1s
[CV 4/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2440.612, test=-2551.697)
total time= 1.0s
[CV 2/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2341.159, test=-2356.299)
total time= 2.4s
[CV 5/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2271.308, test=-2693.155)
total time= 2.4s
[CV 3/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2081.088, test=-2796.563)
total time= 4.9s
[CV 1/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1851.518, test=-2443.966)
total time= 9.7s
[CV 4/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250
[CV 4/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1758.732, test=-2642.485)
total time= 12.2s
[CV 5/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2475.834, test=-2707.011)
total time= 0.5s
[CV 2/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2488.942, test=-2324.100)
total time= 1.0s
[CV 5/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2406.006, test=-2680.144)
total time= 1.0s
[CV 3/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2257.264, test=-2774.697)
total time= 2.4s
[CV 1/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2154.566, test=-2421.884)
total time= 4.8s
[CV 4/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2135.794, test=-2575.003)
total time= 4.9s
[CV 4/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1870.901, test=-2617.275)
total time= 9.8s
[CV 3/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1344.726, test=-3018.080)
total time= 27.3s
[CV 1/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1764.278, test=-2490.673)

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total time= 12.0s
[CV 4/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1380.444, test=-2715.635)
total time= 24.0s
[CV 2/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1775.991, test=-2508.179)
total time= 12.0s
[CV 5/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1362.334, test=-2823.729)
total time= 24.0s
[CV 3/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1711.416, test=-2858.719)
total time= 12.0s
[CV 1/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2546.591, test=-2420.428)
total time= 0.5s
[CV 2/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2562.137, test=-2329.705)
total time= 0.5s
[CV 3/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 4/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2502.653, test=-2571.990)
total time= 0.5s
[CV 1/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2477.814, test=-2407.287)
total time= 1.0s
[CV 3/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

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[CV 3/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2403.820, test=-2735.180)
total time= 1.0s
[CV 3/5; 748/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 748/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1713.451, test=-2916.826)
total time= 12.2s
[CV 1/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2543.862, test=-2419.239)
total time= 0.5s
[CV 2/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2562.317, test=-2323.796)
total time= 0.5s
[CV 3/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 4/5; 750/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 750/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2501.960, test=-2571.585)
total time= 0.5s
[CV 1/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2474.029, test=-2410.294)
total time= 1.0s
[CV 3/5; 751/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 751/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2401.666, test=-2734.976)
total time= 1.0s
[CV 1/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2346.423, test=-2416.234)
total time= 2.4s
[CV 4/5; 752/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 752/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2305.542, test=-2548.091)
total time= 2.4s

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[CV 2/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2164.434, test=-2412.596)
total time= 4.9s
[CV 5/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2069.602, test=-2719.268)
total time= 4.9s
[CV 1/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1731.438, test=-2472.374)
total time= 13.1s
[CV 4/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1366.917, test=-2726.377)
total time= 26.3s
[CV 4/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1750.103, test=-2643.115)
total time= 12.1s
[CV 1/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2546.591, test=-2420.505)
total time= 0.5s
[CV 4/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2502.653, test=-2571.990)
total time= 0.5s
[CV 2/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2491.184, test=-2319.246)
total time= 1.0s
[CV 5/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2406.983, test=-2677.950)
total time= 1.0s
[CV 3/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50;; score=(train=-2282.399, test=-2766.523)
total time= 2.5s
[CV 1/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2168.457, test=-2419.046)
total time= 4.9s
[CV 4/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2126.885, test=-2587.275)
total time= 4.9s
[CV 3/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1827.089, test=-2829.578)
total time= 9.8s
[CV 1/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1376.356, test=-2596.779)
total time= 24.3s
[CV 2/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1882.921, test=-2494.874)
total time= 9.7s
[CV 5/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1732.060, test=-2765.166)
total time= 12.2s
[CV 1/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2339.240, test=-2416.568)
total time= 2.5s
[CV 4/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2302.091, test=-2568.217)
total time= 2.5s
[CV 2/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2152.611, test=-2419.606)
total time= 4.9s
[CV 5/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100
[CV 3/5; 753/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 753/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-2081.088, test=-2796.266)
total time= 4.9s
[CV 1/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1851.518, test=-2442.498)
total time= 9.7s
[CV 4/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1758.732, test=-2643.882)
total time= 14.5s
[CV 3/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.6s
[CV 5/5; 757/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 757/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2473.272, test=-2705.050)
total time= 0.6s
[CV 3/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2403.820, test=-2734.421)
total time= 1.2s
[CV 4/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2302.091, test=-2566.580)
total time= 2.6s
[CV 3/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2088.931, test=-2793.890)
total time= 4.8s
[CV 2/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1882.921, test=-2491.328)
total time= 9.7s
[CV 2/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

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[CV 2/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1775.991, test=-2518.013)
total time= 12.0s

[CV 5/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 5/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1362.334, test=-2824.062)
total time= 23.9s

[CV 4/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 4/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1750.103, test=-2644.245)
total time= 12.0s

[CV 4/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 4/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2502.653, test=-2571.990)
total time= 0.5s

[CV 1/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 1/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2477.814, test=-2406.653)
total time= 1.0s

[CV 4/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 4/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2440.214, test=-2548.311)
total time= 1.0s

[CV 2/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 2/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2353.394, test=-2359.185)
total time= 2.4s

[CV 5/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 5/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2281.006, test=-2683.578)
total time= 2.4s

[CV 3/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 3/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2088.931, test=-2793.832)
total time= 4.8s

[CV 1/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 1/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1880.339, test=-2448.247)
total time= 9.6s

[CV 4/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1741.206, test=-2655.845)
total time= 12.0s
[CV 5/5; 778/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 778/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2473.272, test=-2705.359)
total time= 0.5s
[CV 2/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2491.184, test=-2321.098)
total time= 1.0s
[CV 4/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2440.214, test=-2548.320)
total time= 1.0s
[CV 2/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2353.394, test=-2359.040)
total time= 2.4s
[CV 5/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2281.006, test=-2683.578)
total time= 2.4s
[CV 3/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2088.931, test=-2793.662)
total time= 4.8s
[CV 1/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1880.339, test=-2445.962)
total time= 9.9s
[CV 4/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1750.103, test=-2643.162)
total time= 12.1s
[CV 3/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 742/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500
[CV 2/5; 742/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-1351.063, test=-2642.477)
total time= 24.2s
[CV 3/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1820.196, test=-2871.871)
total time= 9.7s
[CV 1/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1325.545, test=-2592.481)
total time= 24.0s
[CV 2/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1871.146, test=-2501.850)
total time= 9.7s
[CV 5/5; 755/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 755/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1687.930, test=-2770.315)
total time= 14.9s
[CV 5/5; 758/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 758/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2406.983, test=-2677.950)
total time= 0.8s
[CV 3/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2282.399, test=-2766.541)
total time= 1.3s
[CV 5/5; 759/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 759/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2281.006, test=-2682.756)
total time= 2.3s
[CV 4/5; 760/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 760/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2134.811, test=-2589.093)
total time= 4.9s
[CV 3/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1827.089, test=-2830.588)

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total time= 9.8s
[CV 5/5; 762/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 762/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1732.060, test=-2763.197)
total time= 12.2s
[CV 5/5; 764/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 764/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2473.272, test=-2705.050)
total time= 0.5s
[CV 3/5; 765/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 765/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2403.820, test=-2735.180)
total time= 1.0s
[CV 1/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2339.240, test=-2418.370)
total time= 2.4s
[CV 4/5; 766/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2302.091, test=-2566.663)
total time= 2.5s
[CV 2/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2152.611, test=-2418.383)
total time= 4.9s
[CV 5/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2103.109, test=-2708.902)
total time= 4.9s
[CV 1/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1764.278, test=-2488.476)
total time= 12.2s
[CV 4/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1380.444, test=-2719.076)
total time= 24.4s
[CV 2/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

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[CV 2/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1775.991, test=-2509.692)
total time= 12.2s

[CV 5/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 5/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1362.334, test=-2826.014)
total time= 24.5s

[CV 3/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 3/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1711.416, test=-2857.648)
total time= 12.1s

[CV 1/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 1/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2424.866, test=-2429.676)
total time= 0.8s

[CV 2/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 2/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2453.741, test=-2344.432)
total time= 0.8s

[CV 4/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 4/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2422.045, test=-2563.211)
total time= 0.8s

[CV 1/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 1/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2270.793, test=-2423.050)
total time= 1.5s

[CV 4/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 4/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2299.891, test=-2545.468)
total time= 1.6s

[CV 2/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 2/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1976.246, test=-2459.768)
total time= 3.9s

[CV 5/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 5/5; 744/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 5/5; 744/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,


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min_samples_split=10, n_estimators=20;; score=(train=-2407.651, test=-2681.369)
total time= 1.0s
[CV 3/5; 745/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 745/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2257.264, test=-2774.285)
total time= 2.4s
[CV 1/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2154.566, test=-2423.645)
total time= 4.8s
[CV 4/5; 746/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 746/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-2135.794, test=-2574.563)
total time= 4.9s
[CV 5/5; 747/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 747/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1800.065, test=-2739.634)
total time= 9.7s
[CV 3/5; 749/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 749/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-1344.726, test=-3018.669)
total time= 24.3s
[CV 5/5; 754/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 754/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1800.065, test=-2740.676)
total time= 9.7s
[CV 2/5; 756/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 756/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-1351.063, test=-2627.550)
total time= 27.1s
[CV 5/5; 761/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 761/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1843.525, test=-2741.968)
total time= 9.6s
[CV 3/5; 763/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 763/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1359.959, test=-2982.736)
total time= 24.2s
[CV 5/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200
[CV 5/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1843.525, test=-2740.503)
total time= 9.7s
[CV 3/5; 770/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1359.959, test=-2981.477)
total time= 24.2s
[CV 5/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1843.525, test=-2742.573)
total time= 9.7s
[CV 3/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1359.959, test=-2977.796)
total time= 24.2s
[CV 5/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1843.525, test=-2743.168)
total time= 9.7s
[CV 2/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1385.958, test=-2605.073)
total time= 24.1s
[CV 5/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1420.810, test=-2845.239)
total time= 7.8s
[CV 3/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-707.944, test=-2988.824)
total time= 19.4s
[CV 1/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2430.024, test=-2424.110)
total time= 0.8s
[CV 2/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2454.014, test=-2339.878)

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total time= 0.8s
[CV 3/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2366.745, test=-2751.865)
total time= 0.8s
[CV 4/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2422.233, test=-2563.045)
total time= 0.8s
[CV 5/5; 792/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 792/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2362.945, test=-2753.538)
total time= 0.8s
[CV 1/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2277.838, test=-2415.667)
total time= 1.5s
[CV 2/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2269.017, test=-2366.667)
total time= 1.5s
[CV 3/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2225.505, test=-2731.010)
total time= 1.5s
[CV 5/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2199.153, test=-2766.791)
total time= 1.5s
[CV 3/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1859.886, test=-2788.369)
total time= 3.9s
[CV 1/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 766/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2281.006, test=-2683.933)
total time= 2.4s
[CV 3/5; 767/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

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[CV 3/5; 767/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2088.931, test=-2792.494)
total time= 4.8s
[CV 1/5; 768/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 768/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1880.339, test=-2448.245)
total time= 9.6s
[CV 3/5; 769/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 769/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1711.416, test=-2855.845)
total time= 12.0s
[CV 1/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2546.591, test=-2420.371)
total time= 0.5s
[CV 2/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2562.137, test=-2329.705)
total time= 0.5s
[CV 3/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2465.368, test=-2751.236)
total time= 0.5s
[CV 5/5; 771/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 771/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2473.272, test=-2705.050)
total time= 0.5s
[CV 3/5; 772/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 772/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2403.820, test=-2735.203)
total time= 1.0s
[CV 1/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2339.240, test=-2415.394)
total time= 2.4s
[CV 4/5; 773/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 773/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2302.091, test=-2568.095)
total time= 2.4s

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[CV 2/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2152.611, test=-2421.849)
total time= 4.8s
[CV 5/5; 774/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 774/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2103.109, test=-2709.152)
total time= 4.8s
[CV 1/5; 776/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 776/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1764.278, test=-2487.729)
total time= 12.0s
[CV 4/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1380.444, test=-2719.659)
total time= 23.9s
[CV 2/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1775.991, test=-2514.586)
total time= 12.0s
[CV 5/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1362.334, test=-2823.998)
total time= 24.0s
[CV 1/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-682.062, test=-2637.575)
total time= 19.2s
[CV 4/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-268.648, test=-2753.713)
total time= 38.9s
[CV 2/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-821.800, test=-2628.114)
total time= 19.6s
[CV 5/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500;; score=(train=-251.301, test=-2963.997)
total time= 38.3s
[CV 3/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-828.531, test=-3001.788)
total time= 19.5s
[CV 1/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2436.993, test=-2418.385)
total time= 0.8s
[CV 2/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2468.890, test=-2338.289)
total time= 0.8s
[CV 3/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2386.704, test=-2759.976)
total time= 0.8s
[CV 4/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2428.640, test=-2560.031)
total time= 0.8s
[CV 1/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2295.661, test=-2407.932)
total time= 1.6s
[CV 3/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2279.045, test=-2736.244)
total time= 1.5s
[CV 1/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2039.789, test=-2456.367)
total time= 3.9s
[CV 3/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2365.713, test=-2753.318)
total time= 0.7s
[CV 5/5; 785/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 785/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10;; score=(train=-2362.899, test=-2751.767)
total time= 0.8s
[CV 2/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2268.189, test=-2357.225)
total time= 1.5s
[CV 5/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2198.471, test=-2767.337)
total time= 1.6s
[CV 3/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1873.765, test=-2785.817)
total time= 3.8s
[CV 1/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1469.742, test=-2475.920)
total time= 7.8s
[CV 2/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-941.068, test=-2625.866)
total time= 15.6s
[CV 5/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-659.109, test=-2921.728)
total time= 19.3s
[CV 1/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1938.739, test=-2432.416)
total time= 3.9s
[CV 4/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1965.657, test=-2576.429)
total time= 4.0s
[CV 2/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1516.317, test=-2518.370)
total time= 7.7s
[CV 5/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=100
[CV 5/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1408.063, test=-2811.889)
total time= 7.6s
[CV 1/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-736.844, test=-2573.877)
total time= 19.1s
[CV 4/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-259.521, test=-2821.594)
total time= 38.9s
[CV 2/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-894.765, test=-2594.097)
total time= 19.4s
[CV 5/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-330.940, test=-2898.345)
total time= 38.4s
[CV 3/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-896.121, test=-2994.215)
total time= 19.2s
[CV 1/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2454.291, test=-2432.643)
total time= 0.8s
[CV 2/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2469.492, test=-2331.694)
total time= 0.8s
[CV 3/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2372.837, test=-2756.939)
total time= 0.8s
[CV 4/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2422.128, test=-2565.441)

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total time= 0.8s
[CV 5/5; 813/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 813/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2365.640, test=-2717.742)
total time= 0.8s
[CV 2/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2318.428, test=-2348.257)
total time= 1.5s
[CV 4/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2293.259, test=-2549.153)
total time= 1.5s
[CV 1/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1973.615, test=-2451.309)
total time= 3.8s
[CV 4/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1983.216, test=-2558.041)
total time= 3.8s
[CV 2/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1605.464, test=-2523.883)
total time= 7.7s
[CV 5/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1526.341, test=-2738.485)
total time= 7.7s
[CV 1/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-944.541, test=-2613.797)
total time= 19.3s
[CV 5/5; 779/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 779/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2406.983, test=-2677.950)
total time= 1.0s
[CV 3/5; 780/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

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[CV 3/5; 780/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2282.399, test=-2767.384)
total time= 2.4s

[CV 1/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 1/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2168.457, test=-2420.076)
total time= 4.8s

[CV 4/5; 781/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 4/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2134.811, test=-2591.156)
total time= 4.9s

[CV 4/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 4/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1864.185, test=-2616.273)
total time= 9.9s

[CV 3/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 3/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1359.959, test=-2982.485)
total time= 24.2s

[CV 1/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 1/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-872.686, test=-2600.995)
total time= 15.4s

[CV 4/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 4/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-718.463, test=-2706.278)
total time= 19.5s

[CV 4/5; 793/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 4/5; 793/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2296.548, test=-2552.428)
total time= 1.6s

[CV 2/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 2/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1941.134, test=-2435.221)
total time= 3.9s

[CV 5/5; 794/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 5/5; 794/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1868.298, test=-2782.247)
total time= 4.0s

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[CV 3/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1417.767, test=-2839.047)
total time= 7.8s
[CV 1/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-917.518, test=-2538.169)
total time= 15.6s
[CV 4/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-739.248, test=-2731.690)
total time= 19.6s
[CV 5/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2384.766, test=-2758.963)
total time= 0.8s
[CV 2/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2299.363, test=-2366.258)
total time= 1.5s
[CV 4/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2301.634, test=-2539.357)
total time= 1.6s
[CV 1/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2004.549, test=-2446.907)
total time= 3.9s
[CV 4/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1995.383, test=-2564.080)
total time= 4.1s
[CV 2/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1613.267, test=-2496.729)
total time= 8.0s
[CV 5/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100;; score=(train=-1457.271, test=-2791.907)
total time= 7.7s
[CV 1/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-840.410, test=-2590.057)
total time= 19.4s
[CV 4/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-372.008, test=-2814.422)
total time= 39.0s
[CV 2/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-944.983, test=-2598.753)
total time= 19.4s
[CV 5/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-405.652, test=-2941.667)
total time= 38.6s
[CV 3/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-883.602, test=-2900.455)
total time= 19.2s
[CV 1/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2454.291, test=-2433.564)
total time= 0.8s
[CV 2/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2469.492, test=-2346.621)
total time= 0.8s
[CV 4/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 770/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1385.958, test=-2609.857)
total time= 24.0s
[CV 3/5; 775/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 775/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1827.089, test=-2829.390)
total time= 9.6s
[CV 1/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 1/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1376.356, test=-2592.499)
total time= 23.9s
[CV 2/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1882.921, test=-2496.144)
total time= 9.6s
[CV 5/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1732.060, test=-2764.635)
total time= 12.2s
[CV 3/5; 786/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 786/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2232.305, test=-2727.403)
total time= 1.5s
[CV 1/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1934.073, test=-2438.923)
total time= 3.9s
[CV 4/5; 787/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1981.153, test=-2565.149)
total time= 3.9s
[CV 2/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1534.255, test=-2542.151)
total time= 7.8s
[CV 3/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-867.410, test=-2968.988)
total time= 15.5s
[CV 1/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-235.996, test=-2670.123)
total time= 38.9s
[CV 4/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-897.949, test=-2721.562)

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total time= 15.4s
[CV 1/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-293.919, test=-2604.941)
total time= 39.3s
[CV 3/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-983.890, test=-2973.641)
total time= 15.5s
[CV 1/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-360.038, test=-2660.187)
total time= 38.9s
[CV 2/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1160.672, test=-2610.357)
total time= 15.7s
[CV 5/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-857.683, test=-2895.760)
total time= 19.3s
[CV 2/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2008.376, test=-2440.827)
total time= 3.8s
[CV 5/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1865.296, test=-2721.916)
total time= 3.8s
[CV 3/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1543.731, test=-2778.355)
total time= 7.7s
[CV 1/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1095.211, test=-2582.327)
total time= 15.3s
[CV 4/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

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[CV 4/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-897.134, test=-2761.035)
total time= 19.2s
[CV 3/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2372.837, test=-2756.939)
total time= 0.8s
[CV 5/5; 820/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2365.640, test=-2715.789)
total time= 0.8s
[CV 2/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2318.428, test=-2351.320)
total time= 1.5s
[CV 4/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2291.132, test=-2547.720)
total time= 1.5s
[CV 2/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2008.376, test=-2429.518)
total time= 3.8s
[CV 5/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1865.296, test=-2722.005)
total time= 3.8s
[CV 3/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1543.731, test=-2783.131)
total time= 7.7s
[CV 2/5; 777/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 777/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1385.958, test=-2603.893)
total time= 24.2s
[CV 3/5; 782/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 782/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1827.089, test=-2830.782)
total time= 9.7s

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[CV 1/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1376.356, test=-2595.086)
total time= 24.1s
[CV 4/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1450.793, test=-2669.813)
total time= 7.8s
[CV 2/5; 790/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 790/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-733.523, test=-2602.126)
total time= 19.4s
[CV 5/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-233.951, test=-2951.082)
total time= 38.6s
[CV 3/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-701.133, test=-2982.386)
total time= 19.5s
[CV 1/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2436.222, test=-2428.389)
total time= 0.7s
[CV 2/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2464.728, test=-2340.422)
total time= 0.8s
[CV 3/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2371.362, test=-2758.308)
total time= 0.8s
[CV 4/5; 799/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 799/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2425.782, test=-2563.832)
total time= 0.8s
[CV 1/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20;; score=(train=-2284.405, test=-2407.928)
total time= 1.5s
[CV 3/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2250.395, test=-2741.281)
total time= 1.5s
[CV 5/5; 800/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 800/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2206.602, test=-2739.257)
total time= 1.5s
[CV 3/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1929.711, test=-2780.412)
total time= 3.9s
[CV 1/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1556.709, test=-2501.697)
total time= 7.3s
[CV 4/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1596.000, test=-2635.096)
total time= 7.8s
[CV 2/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1063.330, test=-2570.831)
total time= 15.6s
[CV 5/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-773.733, test=-2853.300)
total time= 19.4s
[CV 5/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2221.265, test=-2750.622)
total time= 1.5s
[CV 3/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1968.046, test=-2783.282)
total time= 3.9s
[CV 1/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100
[CV 1/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1620.186, test=-2500.857)
total time= 7.8s
[CV 4/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1615.567, test=-2612.446)
total time= 7.8s
[CV 3/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1075.541, test=-2942.880)
total time= 15.6s
[CV 1/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-436.352, test=-2616.474)
total time= 39.0s
[CV 4/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1061.105, test=-2706.711)
total time= 15.6s
[CV 1/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-430.137, test=-2677.295)
total time= 38.7s
[CV 2/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1106.281, test=-2621.066)
total time= 15.5s
[CV 5/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1519.909, test=-2473.185)
total time= 7.8s
[CV 4/5; 795/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 795/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1455.699, test=-2673.271)
total time= 7.8s
[CV 2/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-957.141, test=-2587.546)

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total time= 15.6s
[CV 5/5; 797/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 797/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-685.360, test=-2948.608)
total time= 19.3s
[CV 2/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1991.597, test=-2460.053)
total time= 4.0s
[CV 5/5; 801/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 801/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1857.960, test=-2778.013)
total time= 4.0s
[CV 3/5; 802/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 802/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1544.666, test=-2855.674)
total time= 7.9s
[CV 1/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1018.735, test=-2565.401)
total time= 15.7s
[CV 4/5; 804/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 804/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-876.448, test=-2749.059)
total time= 19.8s
[CV 5/5; 806/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 806/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2384.629, test=-2755.031)
total time= 0.8s
[CV 2/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2311.277, test=-2350.846)
total time= 1.6s
[CV 4/5; 807/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 807/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2318.646, test=-2518.743)
total time= 1.6s
[CV 2/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 2/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2016.041, test=-2442.703)
total time= 3.9s
[CV 5/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1926.346, test=-2778.795)
total time= 3.9s
[CV 3/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1569.253, test=-2859.442)
total time= 7.8s
[CV 1/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1114.680, test=-2535.896)
total time= 15.7s
[CV 4/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-949.464, test=-2702.236)
total time= 19.7s
[CV 1/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2294.962, test=-2421.075)
total time= 1.5s
[CV 3/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2233.485, test=-2752.701)
total time= 1.5s
[CV 5/5; 814/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 814/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2208.213, test=-2676.040)
total time= 1.5s
[CV 3/5; 815/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 815/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1897.089, test=-2750.601)
total time= 3.9s
[CV 1/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1559.201, test=-2510.011)
total time= 7.8s

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[CV 4/5; 816/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 816/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1554.445, test=-2585.200)
total time= 7.8s
[CV 5/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1000.664, test=-2831.325)
total time= 15.3s
[CV 3/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-389.214, test=-2968.619)
total time= 39.1s
[CV 4/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1056.508, test=-2734.436)
total time= 15.7s
[CV 3/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-389.214, test=-2977.257)
total time= 38.7s
[CV 4/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1046.926, test=-2664.338)
total time= 15.5s
[CV 2/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-412.950, test=-2729.586)
total time= 38.7s
[CV 5/5; 787/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1845.415, test=-2791.453)
total time= 3.9s
[CV 3/5; 788/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 788/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1423.123, test=-2864.576)
total time= 7.7s
[CV 5/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-873.434, test=-2888.469)
total time= 15.5s

[CV 3/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-221.518, test=-3035.789)
total time= 38.7s
[CV 5/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-869.691, test=-2906.425)
total time= 15.4s
[CV 3/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-239.951, test=-3071.471)
total time= 39.0s
[CV 5/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-916.410, test=-2832.608)
total time= 15.3s
[CV 2/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-374.703, test=-2665.791)
total time= 38.9s
[CV 4/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1123.289, test=-2667.621)
total time= 15.6s
[CV 3/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-420.135, test=-3078.916)
total time= 38.7s
[CV 2/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1106.281, test=-2615.510)
total time= 15.4s
[CV 5/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-853.546, test=-2856.806)
total time= 19.3s
[CV 1/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-1989.791, test=-2466.001)
total time= 3.9s
[CV 4/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1983.207, test=-2556.038)
total time= 3.9s
[CV 2/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1591.215, test=-2493.974)
total time= 7.7s
[CV 5/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1482.766, test=-2761.428)
total time= 7.7s
[CV 1/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-944.541, test=-2611.690)
total time= 19.4s
[CV 4/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-414.445, test=-2767.569)
total time= 38.5s
[CV 2/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-947.149, test=-2658.677)
total time= 19.6s
[CV 5/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-414.419, test=-2906.931)
total time= 38.6s
[CV 3/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-933.713, test=-2964.606)
total time= 19.1s
[CV 1/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2463.321, test=-2433.585)
total time= 0.8s
[CV 2/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10
[CV 2/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2474.095, test=-2327.798)
total time= 0.8s
[CV 3/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2391.743, test=-2756.546)
total time= 0.8s
[CV 5/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2393.500, test=-2722.450)
total time= 0.8s
[CV 2/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2318.571, test=-2335.877)
total time= 1.5s
[CV 5/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2249.696, test=-2703.413)
total time= 1.5s
[CV 3/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1939.914, test=-2790.942)
total time= 3.8s
[CV 1/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1648.230, test=-2547.224)
total time= 7.5s
[CV 5/5; 781/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-2103.109, test=-2710.396)
total time= 4.9s
[CV 1/5; 783/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 783/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1764.278, test=-2487.736)
total time= 11.9s
[CV 4/5; 784/2352] START learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 784/2352] END learning_rate=0.1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1380.444, test=-2714.732)
total time= 24.3s
[CV 4/5; 789/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200
[CV 4/5; 789/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-875.668, test=-2742.244)
total time= 15.5s
[CV 2/5; 791/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 791/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-260.813, test=-2682.931)
total time= 38.7s
[CV 3/5; 796/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 796/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-878.880, test=-2960.202)
total time= 15.7s
[CV 2/5; 798/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 798/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-296.056, test=-2715.977)
total time= 39.4s
[CV 4/5; 803/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 803/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1052.066, test=-2720.871)
total time= 15.6s
[CV 3/5; 805/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 805/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-344.320, test=-3078.760)
total time= 39.0s
[CV 5/5; 810/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 810/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1007.342, test=-2886.592)
total time= 15.4s
[CV 2/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-457.275, test=-2666.740)
total time= 38.8s
[CV 3/5; 817/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 817/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1033.730, test=-2873.676)
total time= 15.8s
[CV 2/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-432.095, test=-2733.088)

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total time= 38.6s
[CV 3/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1033.730, test=-2864.313)
total time= 15.5s
[CV 1/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-421.546, test=-2702.087)
total time= 38.6s
[CV 2/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1106.281, test=-2617.766)
total time= 15.5s
[CV 5/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-853.546, test=-2861.351)
total time= 19.2s
[CV 4/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2305.045, test=-2547.197)
total time= 1.5s
[CV 2/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2049.467, test=-2425.040)
total time= 3.9s
[CV 5/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1901.027, test=-2699.447)
total time= 3.8s
[CV 3/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1568.765, test=-2846.219)
total time= 7.7s
[CV 1/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1119.457, test=-2498.706)
total time= 15.4s
[CV 4/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

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[CV 4/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-957.233, test=-2744.211)
total time= 19.2s
[CV 4/5; 841/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 841/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2430.624, test=-2569.567)
total time= 0.8s
[CV 1/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2325.501, test=-2439.410)
total time= 1.5s
[CV 3/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2269.810, test=-2740.518)
total time= 1.5s
[CV 1/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2023.378, test=-2497.709)
total time= 3.8s
[CV 4/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2026.695, test=-2587.279)
total time= 3.9s
[CV 2/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1684.248, test=-2457.815)
total time= 7.6s
[CV 4/5; 808/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 808/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2033.953, test=-2547.624)
total time= 4.0s
[CV 2/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1663.277, test=-2528.199)
total time= 7.8s
[CV 5/5; 809/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 809/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1542.753, test=-2816.757)
total time= 7.7s

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[CV 1/5; 811/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 811/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-936.660, test=-2568.955)
total time= 19.5s
[CV 4/5; 812/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 812/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-460.796, test=-2786.931)
total time= 39.2s
[CV 2/5; 818/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 818/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-947.149, test=-2653.539)
total time= 19.5s
[CV 5/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-413.928, test=-2858.440)
total time= 39.0s
[CV 3/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-883.602, test=-2904.376)
total time= 19.5s
[CV 2/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2469.492, test=-2339.592)
total time= 0.8s
[CV 4/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2422.128, test=-2565.565)
total time= 0.8s
[CV 1/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2294.960, test=-2418.631)
total time= 1.5s
[CV 3/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2233.485, test=-2752.695)
total time= 1.5s
[CV 1/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50;; score=(train=-1967.307, test=-2454.606)
total time= 3.9s
[CV 4/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1983.216, test=-2554.965)
total time= 3.9s
[CV 2/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1605.464, test=-2524.532)
total time= 7.7s
[CV 5/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1526.340, test=-2734.187)
total time= 7.8s
[CV 1/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-941.906, test=-2616.321)
total time= 19.4s
[CV 4/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-410.693, test=-2834.319)
total time= 38.7s
[CV 2/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-982.761, test=-2606.322)
total time= 19.4s
[CV 5/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-474.394, test=-2837.461)
total time= 38.8s
[CV 4/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1010.765, test=-2743.893)
total time= 19.4s
[CV 2/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2474.095, test=-2328.271)
total time= 0.8s
[CV 4/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10
[CV 4/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2430.624, test=-2569.567)
total time= 0.8s
[CV 1/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2325.501, test=-2440.072)
total time= 1.5s
[CV 3/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2269.814, test=-2740.504)
total time= 1.5s
[CV 1/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2023.378, test=-2499.195)
total time= 3.8s
[CV 4/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2026.695, test=-2584.521)
total time= 3.9s
[CV 2/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1684.248, test=-2450.112)
total time= 7.9s
[CV 5/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1122.535, test=-2577.946)
total time= 15.4s
[CV 4/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-897.134, test=-2761.600)
total time= 19.1s
[CV 1/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2454.291, test=-2432.352)
total time= 0.8s
[CV 3/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 3/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2372.837, test=-2756.939)
total time= 0.8s
[CV 5/5; 827/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 827/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2365.640, test=-2715.693)
total time= 0.8s
[CV 2/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2318.416, test=-2359.264)
total time= 1.5s
[CV 4/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2291.132, test=-2547.538)
total time= 1.6s
[CV 2/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2011.412, test=-2434.561)
total time= 4.0s
[CV 5/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1917.270, test=-2707.207)
total time= 3.9s
[CV 3/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1543.731, test=-2781.608)
total time= 7.9s
[CV 1/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1122.535, test=-2575.119)
total time= 15.7s
[CV 4/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-880.454, test=-2722.321)
total time= 19.5s
[CV 1/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2312.135, test=-2427.613)
total time= 1.5s

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[CV 3/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2255.637, test=-2744.562)
total time= 1.5s
[CV 1/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1997.608, test=-2439.266)
total time= 3.8s
[CV 4/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1982.997, test=-2591.576)
total time= 3.8s
[CV 2/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1611.394, test=-2506.457)
total time= 7.6s
[CV 5/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1538.317, test=-2710.888)
total time= 7.7s
[CV 1/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-974.672, test=-2544.575)
total time= 19.4s
[CV 4/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-510.531, test=-2811.173)
total time= 39.1s
[CV 2/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1007.860, test=-2590.697)
total time= 19.2s
[CV 5/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-505.535, test=-2896.566)
total time= 38.7s
[CV 3/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,


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min_samples_split=5, n_estimators=250;; score=(train=-959.313, test=-3010.701)
total time= 19.1s
[CV 1/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2463.321, test=-2434.064)
total time= 0.8s
[CV 2/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2474.095, test=-2328.486)
total time= 0.8s
[CV 4/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2430.624, test=-2569.567)
total time= 0.8s
[CV 1/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2325.501, test=-2439.473)
total time= 1.5s
[CV 4/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2310.784, test=-2561.223)
total time= 1.5s
[CV 2/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 820/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2422.128, test=-2565.441)
total time= 0.8s
[CV 1/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2294.962, test=-2421.063)
total time= 1.5s
[CV 3/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2233.485, test=-2752.701)
total time= 1.5s
[CV 5/5; 821/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 821/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2208.213, test=-2680.575)
total time= 1.5s
[CV 3/5; 822/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50
[CV 3/5; 822/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1897.089, test=-2754.475)
total time= 3.8s
[CV 1/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1592.875, test=-2506.093)
total time= 7.6s
[CV 4/5; 823/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 823/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1554.445, test=-2585.572)
total time= 7.6s
[CV 5/5; 824/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 824/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1000.664, test=-2829.708)
total time= 15.3s
[CV 2/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-432.095, test=-2738.789)
total time= 38.6s
[CV 3/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1033.730, test=-2868.072)
total time= 15.5s
[CV 1/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-421.546, test=-2696.615)
total time= 38.4s
[CV 2/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1124.189, test=-2590.840)
total time= 15.3s
[CV 5/5; 839/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 839/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-882.828, test=-2798.375)
total time= 19.1s
[CV 4/5; 842/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 842/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2310.784, test=-2561.223)

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total time= 1.5s
[CV 2/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2067.135, test=-2397.157)
total time= 3.9s
[CV 5/5; 843/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 843/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1929.861, test=-2711.504)
total time= 3.8s
[CV 3/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1584.900, test=-2852.099)
total time= 7.6s
[CV 1/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1193.733, test=-2621.832)
total time= 15.3s
[CV 3/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-986.658, test=-2978.606)
total time= 19.2s
[CV 1/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2463.321, test=-2433.874)
total time= 0.8s
[CV 3/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2391.743, test=-2756.546)
total time= 0.7s
[CV 5/5; 848/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 848/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2393.500, test=-2722.450)
total time= 0.8s
[CV 2/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2318.571, test=-2331.787)
total time= 1.5s
[CV 5/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 5/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2249.695, test=-2702.882)
total time= 1.5s
[CV 3/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1939.921, test=-2789.275)
total time= 3.8s
[CV 1/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1648.230, test=-2542.979)
total time= 7.7s
[CV 4/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1678.803, test=-2625.303)
total time= 7.8s
[CV 5/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1093.622, test=-2814.879)
total time= 15.3s
[CV 3/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-498.706, test=-3090.540)
total time= 38.9s
[CV 4/5; 819/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 819/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-414.445, test=-2771.897)
total time= 38.6s
[CV 2/5; 825/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-947.149, test=-2656.073)
total time= 19.4s
[CV 5/5; 826/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 826/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-414.419, test=-2899.385)
total time= 38.7s
[CV 3/5; 832/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 832/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-883.602, test=-2900.543)
total time= 19.5s

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[CV 1/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2463.435, test=-2428.384)
total time= 0.8s
[CV 2/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2476.469, test=-2342.230)
total time= 0.8s
[CV 3/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2370.683, test=-2750.879)
total time= 0.8s
[CV 4/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2426.428, test=-2565.534)
total time= 0.8s
[CV 5/5; 834/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 834/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2367.429, test=-2716.335)
total time= 0.8s
[CV 2/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2321.209, test=-2347.435)
total time= 1.5s
[CV 5/5; 835/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 835/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2218.709, test=-2687.776)
total time= 1.5s
[CV 3/5; 836/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 836/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1953.252, test=-2779.837)
total time= 3.8s
[CV 1/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1569.042, test=-2435.716)
total time= 7.6s
[CV 4/5; 837/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 837/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100;; score=(train=-1560.573, test=-2650.405)
total time= 7.7s
[CV 4/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1112.864, test=-2712.551)
total time= 15.5s
[CV 2/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-472.204, test=-2716.095)
total time= 38.5s
[CV 3/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1104.935, test=-2969.943)
total time= 15.3s
[CV 2/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-540.586, test=-2691.853)
total time= 38.7s
[CV 3/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1152.397, test=-2939.912)
total time= 15.4s
[CV 1/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-533.587, test=-2730.460)
total time= 37.9s
[CV 2/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1193.984, test=-2561.377)
total time= 15.3s
[CV 5/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-935.444, test=-2838.585)
total time= 19.0s
[CV 3/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2269.814, test=-2740.406)
total time= 1.5s
[CV 1/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50
[CV 1/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2023.378, test=-2498.766)
total time= 3.8s
[CV 4/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2026.695, test=-2587.241)
total time= 3.8s
[CV 2/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1684.248, test=-2452.376)
total time= 7.6s
[CV 5/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1546.190, test=-2782.349)
total time= 7.6s
[CV 1/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1044.226, test=-2650.852)
total time= 19.1s
[CV 4/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1546.190, test=-2783.351)
total time= 7.7s
[CV 1/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1044.226, test=-2644.944)
total time= 19.3s
[CV 4/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-546.896, test=-2814.927)
total time= 38.6s
[CV 2/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1007.860, test=-2593.296)
total time= 18.9s
[CV 5/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-505.535, test=-2895.884)

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total time= 37.8s
[CV 3/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-977.149, test=-2990.125)
total time= 19.1s
[CV 1/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2453.617, test=-2431.616)
total time= 0.8s
[CV 2/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2478.363, test=-2345.218)
total time= 0.8s
[CV 4/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2426.980, test=-2559.821)
total time= 0.7s
[CV 1/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2315.615, test=-2424.880)
total time= 1.5s
[CV 4/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2311.459, test=-2545.300)
total time= 1.5s
[CV 2/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2031.028, test=-2427.017)
total time= 3.7s
[CV 5/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1981.840, test=-2675.758)
total time= 3.8s
[CV 3/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1679.357, test=-2836.656)
total time= 7.6s
[CV 1/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

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[CV 1/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1245.203, test=-2583.693)
total time= 15.2s
[CV 4/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1097.371, test=-2714.128)
total time= 19.2s
[CV 3/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2394.598, test=-2762.871)
total time= 0.8s
[CV 5/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2380.438, test=-2709.405)
total time= 0.8s
[CV 2/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2345.937, test=-2340.528)
total time= 1.5s
[CV 4/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2311.458, test=-2545.296)
total time= 1.5s
[CV 2/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2030.965, test=-2422.538)
total time= 3.8s
[CV 5/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1981.840, test=-2677.319)
total time= 3.8s
[CV 3/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1663.500, test=-2854.057)
total time= 7.7s
[CV 1/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1281.850, test=-2581.485)
total time= 15.3s

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[CV 4/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1113.025, test=-2738.934)
total time= 19.2s
[CV 5/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2380.438, test=-2709.405)
total time= 0.8s
[CV 2/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2345.937, test=-2340.019)
total time= 1.5s
[CV 5/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2251.358, test=-2682.881)
total time= 1.5s
[CV 3/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1995.778, test=-2758.632)
total time= 3.8s
[CV 3/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1089.646, test=-2925.270)
total time= 15.5s
[CV 1/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-473.760, test=-2609.796)
total time= 38.8s
[CV 2/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1193.984, test=-2549.370)
total time= 15.4s
[CV 5/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-935.444, test=-2839.159)
total time= 19.2s
[CV 4/5; 849/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 849/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-2310.784, test=-2563.529)
total time= 1.5s
[CV 2/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2067.135, test=-2404.805)
total time= 3.9s
[CV 5/5; 850/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 850/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1904.907, test=-2713.576)
total time= 3.8s
[CV 3/5; 851/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 851/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1575.444, test=-2875.580)
total time= 7.8s
[CV 1/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1193.733, test=-2617.819)
total time= 15.4s
[CV 4/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1010.765, test=-2747.625)
total time= 19.1s
[CV 3/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2391.743, test=-2756.546)
total time= 0.8s
[CV 5/5; 855/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 855/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2393.500, test=-2722.450)
total time= 0.8s
[CV 2/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2318.571, test=-2334.811)
total time= 1.5s
[CV 5/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2249.686, test=-2702.542)
total time= 1.5s
[CV 3/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 3/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1936.348, test=-2785.740)
total time= 3.8s
[CV 1/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1648.230, test=-2546.962)
total time= 7.7s
[CV 4/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1678.803, test=-2623.559)
total time= 7.7s
[CV 5/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1091.362, test=-2825.587)
total time= 15.2s
[CV 3/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-518.481, test=-3104.819)
total time= 38.3s
[CV 3/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1140.174, test=-2956.230)
total time= 15.4s
[CV 2/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-540.586, test=-2707.001)
total time= 38.2s
[CV 3/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1259.576, test=-2919.026)
total time= 15.2s
[CV 1/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-646.747, test=-2708.456)
total time= 38.1s
[CV 2/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1293.236, test=-2586.873)

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total time= 15.2s
[CV 5/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1028.899, test=-2832.083)
total time= 19.0s
[CV 4/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2311.458, test=-2547.451)
total time= 1.5s
[CV 2/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2031.028, test=-2437.216)
total time= 3.8s
[CV 4/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2024.799, test=-2572.737)
total time= 3.9s
[CV 2/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 825/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-853.546, test=-2858.749)
total time= 19.3s
[CV 5/5; 828/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 828/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2208.213, test=-2678.218)
total time= 1.6s
[CV 3/5; 829/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 829/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1897.089, test=-2752.873)
total time= 4.0s
[CV 1/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1561.515, test=-2505.327)
total time= 7.6s
[CV 4/5; 830/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 830/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1525.385, test=-2657.970)
total time= 7.7s
[CV 5/5; 831/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

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[CV 5/5; 831/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-988.124, test=-2780.173)
total time= 15.5s

[CV 3/5; 833/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 3/5; 833/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-389.214, test=-2975.460)
total time= 39.0s

[CV 5/5; 838/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 5/5; 838/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1064.594, test=-2772.252)
total time= 15.5s

[CV 3/5; 840/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 3/5; 840/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-437.659, test=-3066.067)
total time= 38.5s

[CV 5/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 5/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1093.622, test=-2813.756)
total time= 15.3s

[CV 3/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 3/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-518.481, test=-3108.943)
total time= 38.9s

[CV 4/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 4/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1189.575, test=-2722.255)
total time= 15.2s

[CV 2/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 2/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-540.586, test=-2694.724)
total time= 38.3s

[CV 3/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 3/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1152.397, test=-2940.027)
total time= 15.3s

[CV 1/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 1/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-533.587, test=-2722.205)
total time= 38.2s

[CV 2/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1193.984, test=-2554.851)
total time= 15.2s
[CV 5/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-935.444, test=-2843.158)
total time= 19.0s
[CV 3/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2267.893, test=-2746.265)
total time= 1.5s
[CV 1/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2054.378, test=-2449.263)
total time= 3.8s
[CV 4/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2024.799, test=-2570.635)
total time= 3.8s
[CV 2/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1690.643, test=-2507.399)
total time= 7.6s
[CV 5/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1660.383, test=-2715.058)
total time= 7.6s
[CV 1/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1107.081, test=-2615.882)
total time= 18.9s
[CV 4/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-673.858, test=-2800.677)
total time= 38.2s
[CV 2/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250;; score=(train=-1125.839, test=-2610.263)
total time= 19.0s
[CV 5/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-587.709, test=-2896.934)
total time= 38.3s
[CV 3/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1062.354, test=-2971.289)
total time= 19.1s
[CV 1/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2453.617, test=-2431.616)
total time= 0.7s
[CV 2/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2478.363, test=-2337.920)
total time= 0.8s
[CV 4/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1678.803, test=-2626.129)
total time= 7.6s
[CV 4/5; 845/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 845/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1189.575, test=-2725.562)
total time= 15.2s
[CV 1/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-533.587, test=-2724.907)
total time= 38.1s
[CV 2/5; 852/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 852/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1193.984, test=-2570.387)
total time= 15.3s
[CV 5/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-921.990, test=-2851.681)
total time= 19.1s
[CV 3/5; 856/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20
[CV 3/5; 856/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2269.815, test=-2740.513)
total time= 1.5s
[CV 1/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2023.378, test=-2498.960)
total time= 3.8s
[CV 4/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2026.695, test=-2585.320)
total time= 3.8s
[CV 2/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1684.248, test=-2459.880)
total time= 7.9s
[CV 5/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1546.190, test=-2783.772)
total time= 7.6s
[CV 1/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1044.226, test=-2647.964)
total time= 19.3s
[CV 4/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-546.896, test=-2812.142)
total time= 38.6s
[CV 2/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1007.860, test=-2589.465)
total time= 19.1s
[CV 5/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-475.595, test=-2906.214)
total time= 37.9s
[CV 3/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1115.698, test=-2938.058)

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total time= 19.1s
[CV 1/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2453.617, test=-2431.616)
total time= 0.8s
[CV 2/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2478.363, test=-2346.254)
total time= 0.8s
[CV 4/5; 876/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 876/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2426.980, test=-2561.771)
total time= 0.7s
[CV 1/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2315.615, test=-2426.028)
total time= 1.5s
[CV 3/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2267.893, test=-2746.217)
total time= 1.5s
[CV 1/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2054.378, test=-2450.445)
total time= 3.8s
[CV 4/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2024.799, test=-2570.025)
total time= 3.8s
[CV 2/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1694.880, test=-2533.223)
total time= 7.6s
[CV 5/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1660.383, test=-2712.932)
total time= 7.6s
[CV 1/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

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[CV 1/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1107.081, test=-2614.023)
total time= 18.9s

[CV 4/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 4/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-645.021, test=-2784.570)
total time= 38.2s

[CV 2/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 2/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1125.837, test=-2626.513)
total time= 18.9s

[CV 5/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 5/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-587.709, test=-2897.432)
total time= 38.2s

[CV 3/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 5/5; 844/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 5/5; 844/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1548.436, test=-2743.447)
total time= 7.6s

[CV 1/5; 846/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 1/5; 846/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1044.226, test=-2646.926)
total time= 19.1s

[CV 4/5; 847/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 4/5; 847/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-546.896, test=-2813.231)
total time= 38.5s

[CV 2/5; 853/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 2/5; 853/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1058.474, test=-2600.456)
total time= 19.0s

[CV 5/5; 854/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 5/5; 854/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-505.535, test=-2893.392)
total time= 38.3s

[CV 3/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 3/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-977.149, test=-2994.507)
total time= 19.3s
[CV 1/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2463.321, test=-2433.264)
total time= 0.8s
[CV 2/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2474.095, test=-2333.180)
total time= 0.8s
[CV 3/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2391.743, test=-2756.546)
total time= 0.8s
[CV 5/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2393.500, test=-2722.515)
total time= 0.8s
[CV 2/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2318.571, test=-2336.386)
total time= 1.5s
[CV 5/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2249.696, test=-2702.225)
total time= 1.5s
[CV 3/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1939.914, test=-2789.551)
total time= 3.8s
[CV 1/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1648.230, test=-2545.120)
total time= 7.6s
[CV 4/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1678.803, test=-2622.971)
total time= 7.8s
[CV 4/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200
[CV 4/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1189.575, test=-2725.194)
total time= 15.3s
[CV 1/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-533.587, test=-2724.599)
total time= 38.2s
[CV 2/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1249.429, test=-2599.928)
total time= 15.3s
[CV 5/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1028.899, test=-2830.477)
total time= 19.1s
[CV 5/5; 877/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 877/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2251.358, test=-2682.881)
total time= 1.5s
[CV 3/5; 878/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 878/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2003.810, test=-2775.903)
total time= 3.8s
[CV 1/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1751.282, test=-2500.603)
total time= 7.7s
[CV 4/5; 879/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 879/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1701.094, test=-2616.849)
total time= 7.7s
[CV 5/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1183.985, test=-2801.954)
total time= 15.3s
[CV 3/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-591.406, test=-3028.073)

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total time= 37.8s
[CV 5/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1183.985, test=-2797.212)
total time= 15.1s
[CV 3/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-613.878, test=-3070.443)
total time= 38.2s
[CV 4/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1255.424, test=-2686.945)
total time= 15.4s
[CV 2/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2067.135, test=-2401.676)
total time= 3.8s
[CV 5/5; 857/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 857/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1935.465, test=-2717.405)
total time= 3.8s
[CV 3/5; 858/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 858/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1575.444, test=-2875.541)
total time= 7.7s
[CV 1/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1193.733, test=-2623.972)
total time= 15.3s
[CV 4/5; 860/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 860/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1010.765, test=-2742.869)
total time= 19.1s
[CV 4/5; 862/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 862/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2430.624, test=-2569.567)
total time= 0.8s
[CV 1/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

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[CV 1/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2325.501, test=-2440.417)
total time= 1.5s
[CV 4/5; 863/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 863/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2310.784, test=-2561.223)
total time= 1.5s
[CV 2/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2067.135, test=-2407.261)
total time= 3.8s
[CV 5/5; 864/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 864/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1935.465, test=-2717.944)
total time= 3.8s
[CV 3/5; 865/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 865/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1607.707, test=-2872.801)
total time= 7.6s
[CV 1/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1193.733, test=-2620.993)
total time= 15.3s
[CV 4/5; 867/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 867/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1010.765, test=-2744.720)
total time= 19.1s
[CV 3/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2394.598, test=-2762.871)
total time= 0.8s
[CV 5/5; 869/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 869/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2380.438, test=-2709.405)
total time= 0.8s
[CV 2/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2345.937, test=-2338.393)
total time= 1.5s

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[CV 5/5; 870/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 870/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2251.358, test=-2682.635)
total time= 1.5s
[CV 3/5; 871/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 871/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1995.778, test=-2759.279)
total time= 3.8s
[CV 1/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1718.550, test=-2490.813)
total time= 7.6s
[CV 4/5; 872/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 872/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1701.094, test=-2621.873)
total time= 7.6s
[CV 5/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1183.985, test=-2799.952)
total time= 15.1s
[CV 3/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-613.204, test=-3042.239)
total time= 38.1s
[CV 4/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1275.389, test=-2703.964)
total time= 15.2s
[CV 2/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-632.419, test=-2743.836)
total time= 38.1s
[CV 3/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1233.729, test=-2954.358)
total time= 15.3s
[CV 1/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500;; score=(train=-646.747, test=-2705.668)
total time= 38.0s
[CV 2/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1293.236, test=-2585.420)
total time= 15.1s
[CV 5/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1028.899, test=-2830.522)
total time= 18.8s
[CV 2/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1864.843, test=-2424.816)
total time= 2.3s
[CV 4/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-546.896, test=-2815.413)
total time= 38.2s
[CV 2/5; 874/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 874/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1125.839, test=-2630.965)
total time= 19.0s
[CV 5/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-587.709, test=-2894.502)
total time= 38.1s
[CV 3/5; 881/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 881/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1115.698, test=-2939.186)
total time= 19.1s
[CV 1/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2453.617, test=-2431.616)
total time= 0.8s
[CV 2/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2478.363, test=-2346.254)
total time= 0.8s
[CV 3/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10;; score=(train=-2394.598, test=-2762.871)
total time= 0.8s
[CV 4/5; 883/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 883/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2426.980, test=-2559.821)
total time= 0.7s
[CV 1/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2315.615, test=-2426.657)
total time= 1.6s
[CV 3/5; 884/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 884/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2267.893, test=-2746.311)
total time= 1.6s
[CV 1/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2054.378, test=-2450.488)
total time= 3.9s
[CV 5/5; 885/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 885/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1981.840, test=-2677.822)
total time= 4.1s
[CV 3/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1633.954, test=-2863.174)
total time= 7.9s
[CV 1/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1281.850, test=-2582.666)
total time= 15.5s
[CV 4/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1097.371, test=-2714.763)
total time= 19.3s
[CV 5/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2380.438, test=-2709.482)
total time= 0.8s
[CV 2/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 2/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2345.937, test=-2343.245)
total time= 1.5s
[CV 5/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2251.358, test=-2682.881)
total time= 1.5s
[CV 3/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1989.089, test=-2766.359)
total time= 3.8s
[CV 1/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1751.282, test=-2502.724)
total time= 7.7s
[CV 4/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1701.094, test=-2619.641)
total time= 7.8s
[CV 5/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1183.985, test=-2796.620)
total time= 15.3s
[CV 3/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-613.204, test=-3040.287)
total time= 38.3s
[CV 2/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-160.130, test=-2659.495)
total time= 23.5s
[CV 5/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-73.437, test=-2898.224)
total time= 29.2s
[CV 1/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1156.230, test=-2525.105)

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total time= 5.7s
[CV 4/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1270.858, test=-2683.450)
total time= 5.9s
[CV 2/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-627.025, test=-2614.591)
total time= 11.7s
[CV 5/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-479.412, test=-2932.222)
total time= 11.5s
[CV 4/5; 859/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 859/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1189.575, test=-2723.913)
total time= 15.4s
[CV 2/5; 861/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 861/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-563.668, test=-2685.667)
total time= 38.6s
[CV 5/5; 866/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 866/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1093.622, test=-2811.181)
total time= 15.4s
[CV 3/5; 868/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 868/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-516.683, test=-3060.131)
total time= 38.4s
[CV 4/5; 873/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 873/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1275.389, test=-2703.621)
total time= 15.2s
[CV 2/5; 875/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 875/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-644.085, test=-2725.365)
total time= 38.0s
[CV 3/5; 880/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

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[CV 3/5; 880/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1259.576, test=-2917.814)
total time= 15.3s
[CV 1/5; 882/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 882/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-646.747, test=-2703.834)
total time= 38.1s
[CV 2/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1293.236, test=-2591.340)
total time= 15.4s
[CV 5/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1028.899, test=-2833.166)
total time= 19.2s
[CV 4/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2311.458, test=-2547.451)
total time= 1.5s
[CV 2/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2030.966, test=-2423.162)
total time= 3.7s
[CV 5/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1981.840, test=-2677.997)
total time= 3.8s
[CV 3/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1679.357, test=-2835.777)
total time= 7.6s
[CV 1/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1281.850, test=-2584.645)
total time= 15.1s
[CV 4/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1113.025, test=-2733.425)
total time= 18.9s

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[CV 2/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2201.577, test=-2380.324)
total time= 1.1s
[CV 4/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2176.765, test=-2599.372)
total time= 1.1s
[CV 1/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1804.749, test=-2462.406)
total time= 2.2s
[CV 4/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1861.254, test=-2620.653)
total time= 2.2s
[CV 2/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1227.469, test=-2532.991)
total time= 5.8s
[CV 5/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1134.256, test=-2816.241)
total time= 5.7s
[CV 3/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-554.934, test=-2901.578)
total time= 11.5s
[CV 4/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-181.318, test=-2827.909)
total time= 23.5s
[CV 3/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-3.058, test=-2972.529)
total time= 58.0s
[CV 4/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200;; score=(train=-160.509, test=-2808.206)
total time= 23.3s
[CV 3/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-2.679, test=-3075.858)
total time= 57.1s
[CV 4/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-253.625, test=-2734.183)
total time= 22.9s
[CV 2/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1690.643, test=-2499.765)
total time= 7.5s
[CV 5/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1660.383, test=-2715.391)
total time= 7.6s
[CV 1/5; 888/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 888/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1107.081, test=-2615.410)
total time= 19.1s
[CV 4/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-673.858, test=-2805.686)
total time= 38.8s
[CV 2/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1125.837, test=-2614.083)
total time= 19.1s
[CV 5/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-587.709, test=-2891.701)
total time= 38.1s
[CV 3/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-67.930, test=-2929.418)
total time= 29.0s
[CV 5/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500
[CV 5/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-4.384, test=-2895.944)
total time= 58.4s
[CV 3/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-64.434, test=-3071.011)
total time= 28.7s
[CV 1/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2200.657, test=-2452.355)
total time= 1.1s
[CV 2/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2241.917, test=-2377.401)
total time= 1.1s
[CV 3/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2143.417, test=-2778.698)
total time= 1.1s
[CV 5/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2190.991, test=-2750.796)
total time= 1.2s
[CV 2/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1961.475, test=-2407.837)
total time= 2.4s
[CV 4/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1916.026, test=-2630.375)
total time= 2.2s
[CV 1/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1259.622, test=-2525.295)
total time= 5.5s
[CV 4/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1367.858, test=-2660.116)

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total time= 5.7s
[CV 2/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-796.452, test=-2567.309)
total time= 11.4s
[CV 1/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-271.714, test=-2585.101)
total time= 22.9s
[CV 3/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-148.255, test=-2929.345)
total time= 28.6s
[CV 1/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2240.716, test=-2465.384)
total time= 1.1s
[CV 2/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2308.339, test=-2366.393)
total time= 1.1s
[CV 3/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2168.804, test=-2747.459)
total time= 1.1s
[CV 5/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2194.247, test=-2751.366)
total time= 1.1s
[CV 2/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2012.444, test=-2389.078)
total time= 2.2s
[CV 4/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2004.568, test=-2593.919)
total time= 2.3s
[CV 2/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 2/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1391.634, test=-2502.922)
total time= 5.6s
[CV 5/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1326.405, test=-2777.459)
total time= 5.6s
[CV 3/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-878.738, test=-2860.761)
total time= 11.4s
[CV 1/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1718.550, test=-2488.243)
total time= 7.2s
[CV 4/5; 886/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 886/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1703.465, test=-2615.591)
total time= 7.8s
[CV 4/5; 887/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 887/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1275.389, test=-2701.320)
total time= 15.2s
[CV 2/5; 889/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 889/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-644.085, test=-2734.742)
total time= 37.8s
[CV 3/5; 894/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 894/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1259.576, test=-2919.548)
total time= 15.2s
[CV 1/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-646.747, test=-2706.697)
total time= 37.9s
[CV 4/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-648.455, test=-2793.872)
total time= 11.7s

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[CV 1/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-72.335, test=-2585.500)
total time= 29.0s
[CV 4/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-4.180, test=-2755.486)
total time= 58.4s
[CV 2/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-102.335, test=-2676.998)
total time= 29.1s
[CV 5/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-3.913, test=-2957.154)
total time= 58.3s
[CV 4/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-167.172, test=-2751.074)
total time= 29.1s
[CV 4/5; 918/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 918/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2259.466, test=-2582.910)
total time= 1.1s
[CV 1/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1989.862, test=-2491.689)
total time= 2.2s
[CV 3/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1926.871, test=-2729.965)
total time= 2.2s
[CV 1/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1515.188, test=-2540.555)
total time= 5.7s
[CV 4/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50;; score=(train=-1483.983, test=-2636.776)
total time= 5.7s
[CV 2/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-909.444, test=-2561.672)
total time= 11.5s
[CV 1/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-445.336, test=-2638.262)
total time= 23.3s
[CV 4/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-277.341, test=-2803.975)
total time= 28.9s
[CV 4/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2238.390, test=-2607.518)
total time= 1.1s
[CV 1/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1963.030, test=-2474.117)
total time= 2.2s
[CV 3/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1902.121, test=-2783.091)
total time= 2.2s
[CV 1/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1334.221, test=-2554.752)
total time= 5.5s
[CV 4/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1323.481, test=-2653.616)
total time= 5.5s
[CV 2/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-829.816, test=-2574.815)
total time= 11.3s
[CV 5/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 5/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-826.447, test=-2843.741)
total time= 11.3s
[CV 1/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-228.043, test=-2692.736)
total time= 28.3s
[CV 4/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-632.419, test=-2730.705)
total time= 38.4s
[CV 5/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-512.351, test=-2880.377)
total time= 11.5s
[CV 2/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-83.792, test=-2678.268)
total time= 29.4s
[CV 1/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2151.264, test=-2457.889)
total time= 1.1s
[CV 2/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2204.829, test=-2364.634)
total time= 1.2s
[CV 3/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2114.001, test=-2776.960)
total time= 1.1s
[CV 4/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2187.051, test=-2601.293)
total time= 1.1s
[CV 5/5; 904/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 904/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2167.493, test=-2775.546)

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total time= 1.2s
[CV 1/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1851.287, test=-2491.826)
total time= 2.2s
[CV 2/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1891.148, test=-2422.186)
total time= 2.3s
[CV 3/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1829.082, test=-2799.168)
total time= 2.2s
[CV 5/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1864.123, test=-2784.702)
total time= 2.3s
[CV 3/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1157.416, test=-2884.116)
total time= 5.7s
[CV 1/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-648.320, test=-2560.390)
total time= 11.7s
[CV 4/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-649.663, test=-2753.450)
total time= 11.8s
[CV 2/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-187.654, test=-2657.828)
total time= 23.4s
[CV 5/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-86.751, test=-2934.224)
total time= 28.8s
[CV 2/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

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[CV 2/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1359.235, test=-2490.984)
total time= 5.7s
[CV 5/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1222.286, test=-2853.246)
total time= 5.6s
[CV 3/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-701.073, test=-2868.299)
total time= 11.3s
[CV 5/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-647.930, test=-2904.604)
total time= 11.3s
[CV 1/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-166.121, test=-2595.319)
total time= 28.5s
[CV 4/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-18.988, test=-2766.457)
total time= 57.7s
[CV 2/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-283.421, test=-2642.826)
total time= 29.1s
[CV 5/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-31.408, test=-2896.269)
total time= 57.3s
[CV 3/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-225.199, test=-2996.215)
total time= 28.5s
[CV 1/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2240.832, test=-2485.522)
total time= 1.1s

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[CV 2/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2267.843, test=-2363.543)
total time= 1.1s
[CV 3/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2132.886, test=-2786.534)
total time= 1.1s
[CV 5/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1896.986, test=-2759.842)
total time= 2.3s
[CV 3/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1124.788, test=-2854.026)
total time= 5.6s
[CV 1/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-509.839, test=-2582.864)
total time= 11.4s
[CV 1/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-150.735, test=-2608.195)
total time= 23.2s
[CV 4/5; 902/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 902/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-100.139, test=-2839.401)
total time= 29.3s
[CV 4/5; 905/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 905/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1913.108, test=-2593.166)
total time= 2.3s
[CV 2/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1276.754, test=-2522.945)
total time= 5.8s
[CV 5/5; 906/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 906/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50;; score=(train=-1058.961, test=-2870.877)
total time= 5.6s
[CV 3/5; 907/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 907/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-498.590, test=-3000.181)
total time= 11.3s
[CV 1/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-176.249, test=-2581.215)
total time= 23.1s
[CV 4/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-74.664, test=-2813.974)
total time= 29.0s
[CV 4/5; 911/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 911/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2218.379, test=-2626.440)
total time= 1.1s
[CV 1/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1857.434, test=-2477.792)
total time= 2.2s
[CV 3/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1879.184, test=-2751.418)
total time= 2.3s
[CV 5/5; 912/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 912/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1899.249, test=-2766.325)
total time= 2.2s
[CV 3/5; 913/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 913/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1283.718, test=-2830.892)
total time= 5.6s
[CV 1/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-688.866, test=-2604.886)
total time= 11.3s
[CV 4/5; 914/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 4/5; 914/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-760.584, test=-2687.065)
total time= 11.5s
[CV 2/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-317.641, test=-2594.198)
total time= 23.3s
[CV 5/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-158.697, test=-2930.603)
total time= 28.8s
[CV 5/5; 919/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 919/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1931.905, test=-2744.358)
total time= 2.2s
[CV 3/5; 920/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 920/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1385.765, test=-2802.630)
total time= 5.6s
[CV 1/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-953.165, test=-2592.903)
total time= 11.6s
[CV 4/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-939.272, test=-2726.296)
total time= 11.6s
[CV 4/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-403.273, test=-2794.144)
total time= 23.2s
[CV 2/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-50.521, test=-2668.319)
total time= 58.1s
[CV 3/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-304.954, test=-2996.120)

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total time= 22.6s
[CV 5/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-257.338, test=-2866.919)
total time= 28.6s
[CV 2/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2394.598, test=-2762.871)
total time= 0.8s
[CV 4/5; 890/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 890/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2426.980, test=-2559.821)
total time= 0.8s
[CV 1/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2315.615, test=-2425.073)
total time= 1.5s
[CV 3/5; 891/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 891/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2267.893, test=-2746.172)
total time= 1.5s
[CV 1/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2054.378, test=-2450.957)
total time= 3.7s
[CV 4/5; 892/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 892/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2024.799, test=-2569.703)
total time= 3.8s
[CV 2/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1694.880, test=-2527.278)
total time= 7.5s
[CV 5/5; 893/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 893/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1660.383, test=-2715.912)
total time= 7.6s

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[CV 1/5; 895/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1107.081, test=-2616.142)
total time= 18.7s
[CV 4/5; 896/2352] START learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 896/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-645.021, test=-2787.679)
total time= 38.0s
[CV 5/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-133.880, test=-2894.529)
total time= 23.1s
[CV 2/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-4.343, test=-2672.228)
total time= 58.4s
[CV 5/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-123.100, test=-2947.858)
total time= 22.9s
[CV 2/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-7.238, test=-2675.863)
total time= 58.6s
[CV 5/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-243.229, test=-2919.733)
total time= 23.2s
[CV 3/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-13.938, test=-2945.566)
total time= 57.6s
[CV 5/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-318.069, test=-2876.397)
total time= 22.7s
[CV 3/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=500;; score=(train=-37.569, test=-2978.663)
total time= 57.8s
[CV 4/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-348.183, test=-2771.304)
total time= 22.7s
[CV 2/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-32.499, test=-2670.282)
total time= 57.2s
[CV 4/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-348.183, test=-2773.944)
total time= 22.7s
[CV 2/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-33.899, test=-2690.695)
total time= 56.2s
[CV 3/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-304.954, test=-2995.683)
total time= 22.5s
[CV 5/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-245.320, test=-2875.481)
total time= 28.7s
[CV 3/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1887.043, test=-2759.775)
total time= 2.2s
[CV 1/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1418.461, test=-2558.314)
total time= 5.6s
[CV 4/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1471.895, test=-2628.993)
total time= 5.7s
[CV 2/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100
[CV 2/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-995.451, test=-2582.780)
total time= 11.4s
[CV 5/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 895/2352] END learning_rate=0.1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1062.354, test=-2967.014)
total time= 19.2s
[CV 1/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2159.910, test=-2459.975)
total time= 1.1s
[CV 3/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2088.539, test=-2771.514)
total time= 1.1s
[CV 5/5; 897/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 897/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2163.727, test=-2770.836)
total time= 1.2s
[CV 3/5; 898/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 898/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1801.815, test=-2777.927)
total time= 2.2s
[CV 1/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1136.041, test=-2530.772)
total time= 5.7s
[CV 4/5; 899/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 899/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1187.582, test=-2727.409)
total time= 5.8s
[CV 2/5; 900/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 900/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-601.161, test=-2618.857)
total time= 11.7s
[CV 3/5; 901/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 901/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-138.797, test=-2926.473)

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total time= 23.3s
[CV 1/5; 903/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 903/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-3.726, test=-2619.372)
total time= 58.6s
[CV 3/5; 908/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 908/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-133.135, test=-3054.282)
total time= 23.0s
[CV 1/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-6.065, test=-2588.236)
total time= 58.2s
[CV 3/5; 915/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 915/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-230.201, test=-2909.034)
total time= 22.7s
[CV 1/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-19.892, test=-2611.265)
total time= 58.3s
[CV 2/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-395.342, test=-2625.853)
total time= 23.4s
[CV 5/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-216.499, test=-2875.821)
total time= 28.2s
[CV 5/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1984.950, test=-2731.909)
total time= 2.2s
[CV 3/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1386.726, test=-2882.437)
total time= 5.6s
[CV 1/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

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[CV 1/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-782.792, test=-2609.196)
total time= 11.1s
[CV 4/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-803.543, test=-2752.899)
total time= 11.4s
[CV 2/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-327.786, test=-2664.852)
total time= 22.9s
[CV 1/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-34.198, test=-2698.231)
total time= 57.2s
[CV 3/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-304.954, test=-2995.385)
total time= 22.4s
[CV 1/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-35.212, test=-2704.985)
total time= 56.6s
[CV 2/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-369.953, test=-2685.091)
total time= 22.8s
[CV 1/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-35.212, test=-2704.292)
total time= 57.4s
[CV 2/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-473.106, test=-2671.931)
total time= 22.9s
[CV 5/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-304.294, test=-2878.292)
total time= 28.5s

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[CV 5/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2020.149, test=-2721.352)
total time= 2.2s
[CV 1/5; 909/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 909/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-86.370, test=-2598.742)
total time= 28.9s
[CV 4/5; 910/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 910/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-6.095, test=-2824.733)
total time= 58.2s
[CV 2/5; 916/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 916/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-220.550, test=-2609.994)
total time= 29.4s
[CV 5/5; 917/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-16.393, test=-2939.049)
total time= 58.2s
[CV 3/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-249.289, test=-2959.478)
total time= 28.6s
[CV 1/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2240.832, test=-2484.002)
total time= 1.1s
[CV 2/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2267.843, test=-2364.820)
total time= 1.1s
[CV 3/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2132.886, test=-2787.459)
total time= 1.0s
[CV 5/5; 925/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 925/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-2214.996, test=-2747.428)
total time= 1.1s
[CV 2/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1941.365, test=-2412.747)
total time= 2.2s
[CV 4/5; 926/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 926/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1966.403, test=-2605.358)
total time= 2.2s
[CV 2/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1409.389, test=-2493.792)
total time= 5.6s
[CV 5/5; 927/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 927/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1436.126, test=-2782.500)
total time= 5.7s
[CV 3/5; 928/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 928/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-838.353, test=-2918.300)
total time= 11.7s
[CV 1/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-388.446, test=-2672.837)
total time= 22.9s
[CV 4/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-224.477, test=-2783.755)
total time= 28.7s
[CV 4/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2238.390, test=-2608.361)
total time= 1.1s
[CV 1/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1963.033, test=-2471.168)
total time= 2.2s
[CV 3/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20
[CV 3/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1902.121, test=-2784.341)
total time= 2.2s
[CV 5/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1984.950, test=-2732.251)
total time= 2.3s
[CV 3/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1386.726, test=-2881.847)
total time= 5.6s
[CV 1/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-782.792, test=-2615.511)
total time= 11.3s
[CV 4/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-769.518, test=-2734.770)
total time= 11.3s
[CV 5/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-360.688, test=-2879.877)
total time= 23.0s
[CV 3/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-26.325, test=-3021.289)
total time= 57.1s
[CV 4/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-355.904, test=-2813.348)
total time= 23.0s
[CV 2/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-34.024, test=-2679.392)
total time= 57.6s
[CV 4/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-471.459, test=-2733.197)

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total time= 22.8s
[CV 3/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-46.640, test=-3012.364)
total time= 56.3s
[CV 5/5; 932/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 932/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2214.996, test=-2744.818)
total time= 1.1s
[CV 2/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1941.364, test=-2406.025)
total time= 2.2s
[CV 4/5; 933/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 933/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1966.403, test=-2603.523)
total time= 2.2s
[CV 1/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1329.390, test=-2553.651)
total time= 5.5s
[CV 4/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1357.478, test=-2665.749)
total time= 5.6s
[CV 2/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-760.954, test=-2578.443)
total time= 11.2s
[CV 5/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-846.686, test=-2836.828)
total time= 11.4s
[CV 1/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-241.991, test=-2691.424)
total time= 28.7s
[CV 4/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

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[CV 4/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-35.766, test=-2792.647)
total time= 57.2s
[CV 2/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-207.251, test=-2676.796)
total time= 28.1s
[CV 5/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-40.755, test=-2884.867)
total time= 57.7s
[CV 3/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-258.413, test=-2989.950)
total time= 28.0s
[CV 1/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2277.602, test=-2459.475)
total time= 1.1s
[CV 2/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2332.313, test=-2343.670)
total time= 1.1s
[CV 3/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2230.800, test=-2754.065)
total time= 1.1s
[CV 5/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2261.195, test=-2721.478)
total time= 1.1s
[CV 2/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2086.828, test=-2359.630)
total time= 2.2s
[CV 4/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2061.177, test=-2586.541)
total time= 2.2s

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[CV 2/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1576.092, test=-2467.350)
total time= 5.5s
[CV 5/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1501.071, test=-2760.825)
total time= 5.5s
[CV 3/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-995.784, test=-2857.347)
total time= 11.1s
[CV 1/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-488.623, test=-2663.443)
total time= 22.4s
[CV 3/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-344.637, test=-2936.267)
total time= 28.5s
[CV 1/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2277.602, test=-2457.806)
total time= 1.1s
[CV 3/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2230.800, test=-2754.081)
total time= 1.1s
[CV 5/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2261.195, test=-2721.287)
total time= 1.2s
[CV 2/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2086.828, test=-2357.089)
total time= 2.3s
[CV 4/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-2061.177, test=-2586.637)
total time= 2.5s
[CV 2/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1593.156, test=-2467.940)
total time= 5.8s
[CV 5/5; 921/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 921/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-814.165, test=-2822.319)
total time= 11.4s
[CV 1/5; 923/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 923/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-343.836, test=-2656.966)
total time= 29.1s
[CV 4/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-50.152, test=-2838.026)
total time= 57.6s
[CV 2/5; 930/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 930/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-224.694, test=-2648.038)
total time= 28.7s
[CV 5/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-31.641, test=-2898.297)
total time= 57.3s
[CV 3/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-192.760, test=-3007.840)
total time= 28.5s
[CV 1/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2240.832, test=-2485.325)
total time= 1.1s
[CV 3/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2132.886, test=-2785.297)
total time= 1.1s
[CV 5/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10
[CV 5/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2214.996, test=-2744.884)
total time= 1.1s
[CV 2/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1941.365, test=-2405.653)
total time= 2.2s
[CV 4/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1966.403, test=-2602.675)
total time= 2.4s
[CV 2/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1396.633, test=-2502.531)
total time= 5.5s
[CV 5/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1436.126, test=-2785.267)
total time= 5.7s
[CV 3/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-838.353, test=-2913.639)
total time= 11.3s
[CV 1/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-388.446, test=-2678.312)
total time= 22.8s
[CV 4/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-224.477, test=-2787.275)
total time= 28.5s
[CV 3/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2136.823, test=-2762.768)
total time= 1.0s
[CV 5/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2242.018, test=-2736.051)

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total time= 1.1s
[CV 2/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2051.759, test=-2411.190)
total time= 2.3s
[CV 5/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1978.882, test=-2741.788)
total time= 2.2s
[CV 3/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1392.323, test=-2822.540)
total time= 5.5s
[CV 1/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-919.988, test=-2585.544)
total time= 11.2s
[CV 4/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-913.277, test=-2699.616)
total time= 11.1s
[CV 5/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-428.514, test=-2874.900)
total time= 22.6s
[CV 2/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-61.040, test=-2734.586)
total time= 56.7s
[CV 4/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-583.218, test=-2776.424)
total time= 22.7s
[CV 2/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-94.770, test=-2675.777)
total time= 58.2s
[CV 4/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

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[CV 4/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-583.218, test=-2778.891)
total time= 23.8s
[CV 2/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1409.390, test=-2497.340)
total time= 5.6s
[CV 5/5; 934/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 934/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1436.126, test=-2782.460)
total time= 5.7s
[CV 3/5; 935/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 935/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-818.668, test=-2945.309)
total time= 11.2s
[CV 1/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-350.011, test=-2665.233)
total time= 22.6s
[CV 4/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-233.112, test=-2743.078)
total time= 28.3s
[CV 2/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2267.843, test=-2357.653)
total time= 1.1s
[CV 4/5; 939/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 939/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2238.390, test=-2606.070)
total time= 1.1s
[CV 1/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1963.033, test=-2471.198)
total time= 2.2s
[CV 3/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1902.121, test=-2784.924)
total time= 2.2s

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[CV 1/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1318.403, test=-2580.464)
total time= 5.6s
[CV 4/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1357.478, test=-2674.133)
total time= 5.6s
[CV 2/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-808.336, test=-2584.837)
total time= 11.2s
[CV 5/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-933.318, test=-2857.927)
total time= 11.5s
[CV 1/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-228.043, test=-2690.679)
total time= 28.3s
[CV 4/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-35.766, test=-2795.530)
total time= 57.3s
[CV 2/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-333.984, test=-2694.874)
total time= 28.6s
[CV 5/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-68.416, test=-2895.542)
total time= 57.7s
[CV 4/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-434.818, test=-2793.279)
total time= 28.8s
[CV 2/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10;; score=(train=-2332.313, test=-2339.685)
total time= 1.1s
[CV 4/5; 960/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 960/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2295.269, test=-2590.794)
total time= 1.1s
[CV 1/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2022.703, test=-2452.045)
total time= 2.3s
[CV 3/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2001.646, test=-2742.714)
total time= 2.3s
[CV 1/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1517.541, test=-2487.831)
total time= 5.9s
[CV 4/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1580.645, test=-2644.677)
total time= 5.8s
[CV 2/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1013.467, test=-2562.211)
total time= 11.5s
[CV 5/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-973.791, test=-2853.977)
total time= 11.6s
[CV 1/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-348.303, test=-2685.983)
total time= 29.2s
[CV 4/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-104.645, test=-2806.871)
total time= 57.1s
[CV 2/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250
[CV 2/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-365.853, test=-2655.083)
total time= 28.2s
[CV 4/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-35.766, test=-2794.059)
total time= 57.7s
[CV 2/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-220.461, test=-2668.281)
total time= 28.7s
[CV 5/5; 938/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 938/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-34.791, test=-2910.380)
total time= 57.7s
[CV 3/5; 944/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 944/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-192.760, test=-3008.067)
total time= 28.4s
[CV 1/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2278.391, test=-2466.017)
total time= 1.1s
[CV 2/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2313.649, test=-2359.968)
total time= 1.2s
[CV 4/5; 946/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 946/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2241.964, test=-2562.321)
total time= 1.1s
[CV 1/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2030.998, test=-2462.108)
total time= 2.3s
[CV 4/5; 947/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 947/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1993.847, test=-2577.918)
total time= 2.2s
[CV 2/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=50
[CV 2/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1535.993, test=-2500.285)
total time= 5.6s
[CV 5/5; 948/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 948/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1407.381, test=-2783.433)
total time= 5.6s
[CV 3/5; 949/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-919.344, test=-2900.517)
total time= 11.3s
[CV 1/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-449.040, test=-2674.709)
total time= 22.7s
[CV 4/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-338.959, test=-2760.027)
total time= 28.4s
[CV 4/5; 953/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 953/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2295.269, test=-2590.417)
total time= 1.1s
[CV 1/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2022.703, test=-2451.719)
total time= 2.1s
[CV 3/5; 954/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 954/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2001.646, test=-2743.611)
total time= 2.1s
[CV 1/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1517.541, test=-2485.876)
total time= 5.5s
[CV 4/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1580.645, test=-2647.504)

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total time= 5.5s
[CV 2/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1021.316, test=-2546.494)
total time= 11.0s
[CV 5/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-925.017, test=-2849.185)
total time= 11.3s
[CV 1/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-342.290, test=-2685.878)
total time= 28.1s
[CV 4/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-104.645, test=-2807.103)
total time= 58.5s
[CV 2/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-375.030, test=-2643.284)
total time= 28.6s
[CV 5/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-94.096, test=-2932.072)
total time= 56.5s
[CV 3/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-379.894, test=-2927.776)
total time= 28.4s
[CV 1/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2277.602, test=-2460.125)
total time= 1.1s
[CV 2/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2332.313, test=-2350.758)
total time= 1.1s
[CV 3/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

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[CV 3/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2230.800, test=-2754.065)
total time= 1.1s
[CV 3/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-489.051, test=-2920.239)
total time= 22.8s
[CV 1/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-74.534, test=-2713.004)
total time= 58.0s
[CV 2/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-485.307, test=-2631.416)
total time= 23.4s
[CV 5/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-345.114, test=-2908.275)
total time= 28.5s
[CV 4/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2061.177, test=-2586.064)
total time= 2.2s
[CV 2/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1576.095, test=-2462.160)
total time= 5.7s
[CV 5/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1501.071, test=-2756.863)
total time= 5.6s
[CV 3/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-995.784, test=-2859.028)
total time= 11.3s
[CV 1/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-497.703, test=-2674.766)
total time= 22.7s

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[CV 4/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-434.818, test=-2791.203)
total time= 28.5s
[CV 5/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2261.195, test=-2721.137)
total time= 1.1s
[CV 2/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2086.832, test=-2356.135)
total time= 2.2s
[CV 5/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2020.149, test=-2718.565)
total time= 2.2s
[CV 3/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1418.864, test=-2798.016)
total time= 5.4s
[CV 5/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1501.071, test=-2758.969)
total time= 5.5s
[CV 3/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-995.784, test=-2861.524)
total time= 11.3s
[CV 1/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-488.623, test=-2660.418)
total time= 22.4s
[CV 4/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-434.818, test=-2796.388)
total time= 28.6s
[CV 2/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10;; score=(train=-2346.850, test=-2353.808)
total time= 1.1s
[CV 4/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2306.419, test=-2588.898)
total time= 1.1s
[CV 1/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2093.440, test=-2451.072)
total time= 2.2s
[CV 4/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2068.932, test=-2580.153)
total time= 2.1s
[CV 2/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1685.280, test=-2528.952)
total time= 5.6s
[CV 5/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1524.849, test=-2801.716)
total time= 5.5s
[CV 3/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1130.037, test=-2902.436)
total time= 11.2s
[CV 1/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-605.187, test=-2646.584)
total time= 22.0s
[CV 4/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-476.177, test=-2805.097)
total time= 27.7s
[CV 3/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2247.259, test=-2790.200)
total time= 1.1s
[CV 5/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10
[CV 2/5; 917/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-27.009, test=-2625.633)
total time= 58.6s
[CV 3/5; 922/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 922/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-381.064, test=-2951.588)
total time= 23.1s
[CV 1/5; 924/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 924/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-52.132, test=-2679.310)
total time= 58.3s
[CV 5/5; 929/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 929/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-338.601, test=-2890.503)
total time= 22.9s
[CV 3/5; 931/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 931/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-26.706, test=-3019.234)
total time= 56.4s
[CV 2/5; 936/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 936/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-314.199, test=-2642.622)
total time= 22.5s
[CV 5/5; 937/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 937/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-245.907, test=-2892.699)
total time= 28.5s
[CV 5/5; 940/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 940/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1984.950, test=-2731.092)
total time= 2.4s
[CV 3/5; 941/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 941/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1386.743, test=-2881.641)
total time= 5.6s
[CV 1/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-861.605, test=-2622.124)

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total time= 11.3s
[CV 4/5; 942/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 942/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-803.543, test=-2755.121)
total time= 11.3s
[CV 5/5; 943/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 943/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-367.670, test=-2865.622)
total time= 22.8s
[CV 3/5; 945/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 945/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-26.325, test=-3023.329)
total time= 56.7s
[CV 3/5; 950/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 950/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-383.416, test=-2972.291)
total time= 22.7s
[CV 1/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-73.421, test=-2699.749)
total time= 57.5s
[CV 5/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-474.068, test=-2903.733)
total time= 22.5s
[CV 3/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-85.269, test=-2977.847)
total time= 58.0s
[CV 3/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-498.948, test=-2942.709)
total time= 23.5s
[CV 1/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-80.974, test=-2709.868)
total time= 56.7s
[CV 2/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 2/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-485.307, test=-2623.936)
total time= 22.5s

[CV 5/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-363.408, test=-2905.994)
total time= 28.3s

[CV 4/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 4/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2061.177, test=-2584.459)
total time= 2.2s

[CV 2/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 2/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1593.144, test=-2469.002)
total time= 5.6s

[CV 1/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 1/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-945.500, test=-2605.394)
total time= 11.1s

[CV 4/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 4/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1037.193, test=-2715.298)
total time= 11.2s

[CV 4/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-583.218, test=-2779.321)
total time= 22.6s

[CV 2/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-94.770, test=-2678.421)
total time= 56.6s

[CV 4/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 4/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-614.255, test=-2793.739)
total time= 22.2s

[CV 1/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-132.534, test=-2692.042)
total time= 55.8s

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[CV 5/5; 949/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-890.703, test=-2838.735)
total time= 11.3s
[CV 1/5; 951/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 951/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-324.727, test=-2656.145)
total time= 28.7s
[CV 4/5; 952/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 952/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-63.950, test=-2784.991)
total time= 57.2s
[CV 2/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-365.853, test=-2653.773)
total time= 28.4s
[CV 5/5; 959/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 959/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-94.096, test=-2930.437)
total time= 58.3s
[CV 3/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-348.636, test=-2959.174)
total time= 28.4s
[CV 1/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2277.602, test=-2458.484)
total time= 1.1s
[CV 2/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2332.313, test=-2335.945)
total time= 1.1s
[CV 4/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2295.269, test=-2590.207)
total time= 1.1s
[CV 1/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2022.725, test=-2452.869)
total time= 2.2s

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[CV 3/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2001.646, test=-2742.237)
total time= 2.2s
[CV 1/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1510.826, test=-2543.067)
total time= 5.6s
[CV 4/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1580.645, test=-2647.269)
total time= 5.6s
[CV 2/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-995.332, test=-2538.868)
total time= 11.0s
[CV 5/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-925.017, test=-2851.369)
total time= 11.0s
[CV 1/5; 972/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 972/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-342.290, test=-2681.778)
total time= 27.3s
[CV 4/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-104.645, test=-2806.773)
total time= 56.3s
[CV 2/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-396.818, test=-2681.689)
total time= 28.4s
[CV 5/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-94.096, test=-2934.202)
total time= 56.9s
[CV 3/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250;; score=(train=-495.886, test=-3020.211)
total time= 28.1s
[CV 1/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2307.477, test=-2455.001)
total time= 1.1s
[CV 2/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2346.850, test=-2355.482)
total time= 1.1s
[CV 4/5; 988/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2306.419, test=-2589.127)
total time= 1.1s
[CV 1/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2093.355, test=-2446.956)
total time= 2.1s
[CV 3/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2041.454, test=-2775.726)
total time= 2.2s
[CV 1/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1624.334, test=-2480.935)
total time= 5.5s
[CV 4/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1575.641, test=-2669.132)
total time= 5.3s
[CV 2/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1234.002, test=-2603.126)
total time= 11.1s
[CV 5/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1033.939, test=-2830.229)
total time= 11.0s
[CV 4/5; 974/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=10
[CV 4/5; 974/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2295.269, test=-2591.269)
total time= 1.1s
[CV 1/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2022.703, test=-2455.134)
total time= 2.1s
[CV 3/5; 975/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 975/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2001.646, test=-2744.444)
total time= 2.1s
[CV 1/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1510.826, test=-2545.146)
total time= 5.4s
[CV 4/5; 976/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 976/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1580.645, test=-2644.915)
total time= 5.6s
[CV 2/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1021.316, test=-2554.507)
total time= 11.1s
[CV 5/5; 977/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 977/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-925.017, test=-2851.818)
total time= 11.0s
[CV 1/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-348.303, test=-2683.734)
total time= 27.9s
[CV 4/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-104.645, test=-2806.967)
total time= 56.6s
[CV 2/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-508.644, test=-2707.963)

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total time= 27.7s
[CV 5/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-149.731, test=-2940.606)
total time= 56.1s
[CV 3/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-494.365, test=-3034.086)
total time= 28.3s
[CV 1/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2307.477, test=-2456.390)
total time= 1.1s
[CV 2/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2346.850, test=-2358.816)
total time= 1.1s
[CV 4/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2306.419, test=-2588.740)
total time= 1.1s
[CV 1/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2093.355, test=-2447.742)
total time= 2.2s
[CV 4/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2068.932, test=-2579.503)
total time= 2.1s
[CV 2/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1685.280, test=-2522.750)
total time= 5.6s
[CV 5/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1524.849, test=-2799.293)
total time= 5.5s
[CV 3/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

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[CV 3/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1130.037, test=-2903.510)
total time= 11.2s
[CV 1/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-605.187, test=-2642.107)
total time= 22.1s
[CV 4/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-476.177, test=-2802.004)
total time= 27.6s
[CV 3/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2247.259, test=-2790.402)
total time= 1.1s
[CV 5/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2267.531, test=-2730.668)
total time= 1.1s
[CV 2/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2138.957, test=-2397.902)
total time= 2.2s
[CV 4/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2068.932, test=-2580.152)
total time= 2.1s
[CV 2/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1685.280, test=-2524.195)
total time= 5.5s
[CV 5/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1524.849, test=-2800.412)
total time= 5.4s
[CV 3/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 955/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 955/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50;; score=(train=-1489.919, test=-2769.991)
total time= 5.5s
[CV 1/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-945.500, test=-2601.298)
total time= 11.0s
[CV 4/5; 956/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 956/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1037.193, test=-2718.281)
total time= 11.1s
[CV 2/5; 957/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 957/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-498.269, test=-2627.784)
total time= 22.5s
[CV 5/5; 958/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 958/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-345.114, test=-2909.101)
total time= 28.7s
[CV 5/5; 961/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 961/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2020.149, test=-2718.278)
total time= 2.4s
[CV 3/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1418.864, test=-2797.167)
total time= 5.8s
[CV 1/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-945.500, test=-2603.351)
total time= 11.5s
[CV 4/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1037.193, test=-2717.539)
total time= 11.5s
[CV 5/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-490.849, test=-2899.449)
total time= 23.5s
[CV 3/5; 966/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500
[CV 3/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-85.269, test=-2981.449)
total time= 56.7s
[CV 4/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-583.218, test=-2773.331)
total time= 22.9s
[CV 2/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-86.962, test=-2687.287)
total time= 56.3s
[CV 3/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-489.051, test=-2922.948)
total time= 22.3s
[CV 1/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-80.974, test=-2708.484)
total time= 56.6s
[CV 2/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-640.745, test=-2686.851)
total time= 22.1s
[CV 5/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-438.504, test=-2913.553)
total time= 27.8s
[CV 5/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2030.879, test=-2740.271)
total time= 2.2s
[CV 3/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1613.902, test=-2844.861)
total time= 5.5s
[CV 1/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1125.947, test=-2560.961)

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total time= 11.0s
[CV 4/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1107.016, test=-2735.392)
total time= 10.9s
[CV 4/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-614.255, test=-2790.486)
total time= 22.2s
[CV 2/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-140.253, test=-2750.332)
total time= 55.5s
[CV 3/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-636.112, test=-3010.306)
total time= 22.4s
[CV 1/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-148.351, test=-2700.245)
total time= 56.3s
[CV 2/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-640.745, test=-2683.837)
total time= 22.3s
[CV 5/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-438.504, test=-2919.876)
total time= 27.9s
[CV 3/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1958.861, test=-2856.111)
total time= 2.5s
[CV 1/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 962/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 962/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1501.071, test=-2760.436)
total time= 5.8s

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[CV 3/5; 963/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 963/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-971.748, test=-2872.347)
total time= 11.4s
[CV 1/5; 964/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 964/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-497.703, test=-2668.508)
total time= 23.6s
[CV 4/5; 965/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 965/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-434.818, test=-2794.166)
total time= 29.0s
[CV 3/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2230.800, test=-2753.419)
total time= 1.1s
[CV 5/5; 967/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 967/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2261.195, test=-2722.648)
total time= 1.1s
[CV 2/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2086.832, test=-2350.127)
total time= 2.2s
[CV 5/5; 968/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 968/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2020.149, test=-2718.709)
total time= 2.3s
[CV 3/5; 969/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 969/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1418.864, test=-2799.766)
total time= 5.6s
[CV 1/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-966.855, test=-2569.059)
total time= 11.1s
[CV 4/5; 970/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 970/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=100;; score=(train=-1037.193, test=-2716.683)
total time= 11.2s
[CV 5/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-472.960, test=-2902.850)
total time= 22.6s
[CV 3/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-85.269, test=-2974.743)
total time= 56.4s
[CV 5/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-490.849, test=-2894.960)
total time= 22.5s
[CV 3/5; 980/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 980/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-85.269, test=-2978.532)
total time= 56.1s
[CV 3/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-639.614, test=-3001.926)
total time= 22.3s
[CV 2/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-140.253, test=-2765.365)
total time= 55.3s
[CV 2/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-640.745, test=-2686.808)
total time= 21.8s
[CV 5/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-438.504, test=-2917.302)
total time= 27.9s
[CV 3/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2041.454, test=-2775.171)
total time= 2.1s
[CV 1/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50
[CV 1/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1624.334, test=-2480.483)
total time= 5.5s
[CV 4/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1575.641, test=-2668.877)
total time= 5.4s
[CV 2/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1234.002, test=-2607.784)
total time= 11.2s
[CV 5/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1033.939, test=-2828.928)
total time= 11.0s
[CV 1/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-467.995, test=-2662.785)
total time= 27.6s
[CV 4/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-146.426, test=-2841.132)
total time= 56.0s
[CV 2/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-508.644, test=-2704.556)
total time= 28.0s
[CV 5/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-149.731, test=-2937.484)
total time= 56.2s
[CV 1/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-478.093, test=-2659.436)
total time= 27.8s
[CV 4/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

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[CV 4/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-146.426, test=-2841.403)
total time= 55.6s
[CV 2/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-508.644, test=-2702.025)
total time= 27.7s
[CV 5/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-149.731, test=-2940.890)
total time= 56.1s
[CV 3/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-494.365, test=-3033.136)
total time= 28.1s
[CV 1/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2439.983, test=-2418.037)
total time= 0.5s
[CV 2/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2473.392, test=-2339.895)
total time= 0.5s
[CV 4/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2413.430, test=-2546.497)
total time= 0.5s
[CV 1/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2292.869, test=-2414.221)
total time= 1.0s
[CV 3/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2244.666, test=-2769.805)
total time= 1.0s
[CV 5/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2226.556, test=-2754.124)
total time= 1.0s

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[CV 2/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-2002.315, test=-2511.519)
total time= 2.5s
[CV 5/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1927.509, test=-2793.551)
total time= 2.5s
[CV 3/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1612.833, test=-2932.213)
total time= 4.9s
[CV 1/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1100.485, test=-2636.898)
total time= 9.8s
[CV 4/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1163.353, test=-2879.477)
total time= 9.8s
[CV 4/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-980.511, test=-2892.962)
total time= 12.2s
[CV 1/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2439.983, test=-2418.037)
total time= 0.5s
[CV 2/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2473.819, test=-2352.021)
total time= 0.5s
[CV 3/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2362.213, test=-2734.456)
total time= 0.5s
[CV 4/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=10;; score=(train=-2413.430, test=-2546.497)
total time= 0.5s
[CV 1/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2289.936, test=-2418.826)
total time= 1.0s
[CV 3/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2244.666, test=-2768.664)
total time= 1.0s
[CV 5/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2226.556, test=-2754.124)
total time= 1.0s
[CV 3/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1952.384, test=-2881.064)
total time= 2.4s
[CV 1/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1617.647, test=-2542.316)
total time= 4.9s
[CV 4/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1632.483, test=-2720.175)
total time= 4.9s
[CV 3/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1178.666, test=-3088.236)
total time= 9.9s
[CV 1/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-93.608, test=-2929.523)
total time= 56.7s
[CV 3/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-344.637, test=-2936.850)

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total time= 28.1s
[CV 1/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2307.477, test=-2453.880)
total time= 1.1s
[CV 3/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2247.259, test=-2790.402)
total time= 1.1s
[CV 5/5; 981/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 981/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2267.531, test=-2728.881)
total time= 1.1s
[CV 2/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2138.957, test=-2400.224)
total time= 2.2s
[CV 5/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2030.879, test=-2739.528)
total time= 2.2s
[CV 3/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1589.808, test=-2821.235)
total time= 5.5s
[CV 1/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1125.947, test=-2560.508)
total time= 11.0s
[CV 4/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1107.016, test=-2737.912)
total time= 11.0s
[CV 5/5; 985/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 985/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-578.658, test=-2893.673)
total time= 22.3s
[CV 3/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

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[CV 3/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-139.513, test=-3067.040)
total time= 56.4s
[CV 5/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-578.658, test=-2889.397)
total time= 22.4s
[CV 3/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-139.513, test=-3065.795)
total time= 56.0s
[CV 5/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-578.658, test=-2893.390)
total time= 22.2s
[CV 3/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-157.705, test=-3075.587)
total time= 57.0s
[CV 5/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-578.658, test=-2896.734)
total time= 22.3s
[CV 3/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-139.513, test=-3068.275)
total time= 55.9s
[CV 5/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-935.490, test=-2909.797)
total time= 12.2s
[CV 5/5; 1016/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1016/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2355.952, test=-2708.384)
total time= 0.5s
[CV 2/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2323.169, test=-2414.693)
total time= 1.0s

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[CV 4/5; 1017/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1017/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2301.678, test=-2553.250)
total time= 1.0s
[CV 2/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2042.053, test=-2506.849)
total time= 2.5s
[CV 5/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1929.092, test=-2777.660)
total time= 2.5s
[CV 3/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1608.302, test=-2961.400)
total time= 4.9s
[CV 1/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1117.756, test=-2658.016)
total time= 9.7s
[CV 3/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-986.003, test=-3111.954)
total time= 12.3s
[CV 1/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2430.606, test=-2415.630)
total time= 0.5s
[CV 3/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 988/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2267.531, test=-2729.370)
total time= 1.1s
[CV 2/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2138.957, test=-2400.173)
total time= 2.2s
[CV 4/5; 989/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 989/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20;; score=(train=-2068.932, test=-2579.503)
total time= 2.1s
[CV 2/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1685.280, test=-2521.855)
total time= 5.6s
[CV 5/5; 990/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 990/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1524.849, test=-2803.318)
total time= 5.5s
[CV 3/5; 991/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 991/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1130.037, test=-2902.446)
total time= 11.2s
[CV 1/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-605.187, test=-2649.021)
total time= 22.1s
[CV 4/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-476.177, test=-2805.908)
total time= 27.5s
[CV 3/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2247.259, test=-2790.200)
total time= 1.1s
[CV 5/5; 995/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 995/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2267.531, test=-2731.355)
total time= 1.1s
[CV 2/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2138.957, test=-2401.809)
total time= 2.2s
[CV 5/5; 996/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 996/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2030.879, test=-2740.202)
total time= 2.2s
[CV 3/5; 997/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50
[CV 3/5; 997/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1613.901, test=-2845.749)
total time= 5.6s
[CV 1/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1072.821, test=-2595.510)
total time= 11.0s
[CV 4/5; 998/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 998/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1107.016, test=-2734.675)
total time= 11.0s
[CV 4/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-614.255, test=-2789.247)
total time= 22.0s
[CV 2/5; 1001/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1001/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-154.873, test=-2768.899)
total time= 56.0s
[CV 3/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-633.764, test=-2989.664)
total time= 22.5s
[CV 2/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-140.253, test=-2758.156)
total time= 55.5s
[CV 3/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-973.066, test=-3074.311)
total time= 12.3s
[CV 5/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-450.332, test=-2991.055)
total time= 24.4s
[CV 4/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-989.127, test=-2875.550)

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total time= 12.2s
[CV 2/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2476.909, test=-2344.201)
total time= 0.5s
[CV 4/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2416.221, test=-2537.630)
total time= 0.5s
[CV 1/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2303.187, test=-2430.699)
total time= 1.0s
[CV 4/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2304.392, test=-2550.432)
total time= 1.0s
[CV 2/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2057.037, test=-2461.504)
total time= 2.5s
[CV 5/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1967.435, test=-2789.113)
total time= 2.5s
[CV 3/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1680.904, test=-2870.216)
total time= 4.9s
[CV 2/5; 966/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-86.962, test=-2693.256)
total time= 56.5s
[CV 3/5; 971/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 971/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-529.681, test=-2908.855)
total time= 22.7s
[CV 1/5; 973/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 973/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-74.534, test=-2706.222)

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total time= 56.1s
[CV 2/5; 978/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 978/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-541.796, test=-2618.933)
total time= 22.6s
[CV 5/5; 979/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 979/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-363.408, test=-2909.289)
total time= 28.1s
[CV 3/5; 982/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 982/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2041.454, test=-2776.212)
total time= 2.1s
[CV 1/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1624.334, test=-2479.541)
total time= 5.5s
[CV 4/5; 983/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 983/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1575.641, test=-2669.392)
total time= 5.3s
[CV 2/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1234.002, test=-2609.050)
total time= 11.1s
[CV 5/5; 984/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 984/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1033.939, test=-2825.899)
total time= 11.0s
[CV 1/5; 986/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 986/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-467.995, test=-2665.111)
total time= 27.4s
[CV 4/5; 987/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 987/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-146.426, test=-2843.346)
total time= 55.3s
[CV 2/5; 993/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

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[CV 2/5; 993/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-508.644, test=-2712.597)
total time= 28.1s
[CV 5/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-149.731, test=-2944.008)
total time= 56.4s
[CV 3/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-495.886, test=-3024.663)
total time= 28.0s
[CV 1/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2307.477, test=-2455.632)
total time= 1.1s
[CV 2/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2346.850, test=-2352.507)
total time= 1.1s
[CV 4/5; 1002/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1002/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2306.419, test=-2588.613)
total time= 1.1s
[CV 1/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2093.440, test=-2447.584)
total time= 2.2s
[CV 3/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2041.454, test=-2776.791)
total time= 2.2s
[CV 1/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1631.408, test=-2477.830)
total time= 5.4s
[CV 4/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1575.641, test=-2669.090)
total time= 5.3s

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[CV 2/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1234.002, test=-2599.990)
total time= 11.2s
[CV 5/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1033.939, test=-2828.995)
total time= 11.1s
[CV 1/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-467.995, test=-2668.873)
total time= 27.8s
[CV 4/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-146.426, test=-2843.364)
total time= 55.4s
[CV 3/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-441.384, test=-3122.980)
total time= 24.4s
[CV 1/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-943.668, test=-2683.477)
total time= 12.4s
[CV 4/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-496.073, test=-2954.321)
total time= 24.6s
[CV 3/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1130.037, test=-2904.169)
total time= 11.2s
[CV 1/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-605.187, test=-2645.072)
total time= 22.2s
[CV 4/5; 1007/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1007/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-476.177, test=-2802.864)
total time= 27.6s

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[CV 3/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2362.213, test=-2734.703)
total time= 0.5s
[CV 5/5; 1009/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1009/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2355.952, test=-2706.594)
total time= 0.5s
[CV 2/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2322.686, test=-2398.502)
total time= 1.0s
[CV 4/5; 1010/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1010/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2301.678, test=-2556.225)
total time= 1.0s
[CV 1/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1953.598, test=-2450.332)
total time= 2.5s
[CV 4/5; 1011/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1011/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1985.123, test=-2665.953)
total time= 2.5s
[CV 2/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1639.991, test=-2622.244)
total time= 4.9s
[CV 5/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1583.554, test=-2845.820)
total time= 4.9s
[CV 2/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1173.935, test=-2699.061)
total time= 9.7s
[CV 5/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-1111.089, test=-2896.154)
total time= 9.7s
[CV 1/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-444.864, test=-2781.340)
total time= 24.2s
[CV 2/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1172.870, test=-2704.406)
total time= 9.7s
[CV 5/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-962.900, test=-2953.884)
total time= 12.4s
[CV 2/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2333.571, test=-2395.994)
total time= 1.0s
[CV 5/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2227.354, test=-2726.892)
total time= 1.0s
[CV 3/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1971.588, test=-2819.818)
total time= 2.5s
[CV 1/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1681.659, test=-2481.709)
total time= 4.9s
[CV 4/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1700.057, test=-2618.972)
total time= 4.9s
[CV 3/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1207.828, test=-2995.631)
total time= 9.8s
[CV 1/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500
[CV 1/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-527.342, test=-2703.711)
total time= 24.5s
[CV 2/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1257.252, test=-2661.153)
total time= 9.8s
[CV 5/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1087.801, test=-2860.089)
total time= 12.1s
[CV 5/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2368.221, test=-2693.250)
total time= 0.5s
[CV 3/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2246.277, test=-2757.071)
total time= 0.9s
[CV 1/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2026.820, test=-2457.135)
total time= 2.4s
[CV 4/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2375.289, test=-2729.136)
total time= 0.5s
[CV 5/5; 1023/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1023/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2358.104, test=-2701.237)
total time= 0.5s
[CV 3/5; 1024/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1024/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2258.457, test=-2776.808)
total time= 1.0s
[CV 1/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1993.476, test=-2440.416)

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total time= 2.5s
[CV 4/5; 1025/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1025/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-2050.024, test=-2599.907)
total time= 2.5s
[CV 2/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1675.803, test=-2556.120)
total time= 5.0s
[CV 5/5; 1026/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1026/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1605.027, test=-2816.025)
total time= 4.9s
[CV 1/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1038.357, test=-2628.890)
total time= 12.4s
[CV 4/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-559.650, test=-2923.360)
total time= 24.6s
[CV 2/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1103.898, test=-2723.237)
total time= 12.2s
[CV 5/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-578.950, test=-2920.640)
total time= 24.7s
[CV 3/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1099.283, test=-3099.588)
total time= 12.3s
[CV 1/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2438.781, test=-2415.009)
total time= 0.5s
[CV 2/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

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[CV 2/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2452.523, test=-2323.481)
total time= 0.5s
[CV 3/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2370.107, test=-2736.126)
total time= 0.5s
[CV 4/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2400.896, test=-2541.963)
total time= 0.5s
[CV 5/5; 1044/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1044/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2368.221, test=-2696.727)
total time= 0.5s
[CV 1/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2314.383, test=-2440.431)
total time= 1.0s
[CV 4/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2293.864, test=-2578.075)
total time= 1.0s
[CV 2/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2055.115, test=-2464.932)
total time= 2.5s
[CV 5/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1971.599, test=-2728.924)
total time= 2.5s
[CV 3/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1675.104, test=-2945.425)
total time= 5.0s
[CV 1/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1269.692, test=-2535.798)
total time= 9.8s

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[CV 4/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1093.200, test=-2768.857)
total time= 12.3s
[CV 1/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2314.383, test=-2437.339)
total time= 1.0s
[CV 4/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2293.864, test=-2570.748)
total time= 1.0s
[CV 2/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2055.115, test=-2462.885)
total time= 2.5s
[CV 5/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1971.599, test=-2733.216)
total time= 2.5s
[CV 3/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 992/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 992/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-633.764, test=-2992.152)
total time= 22.4s
[CV 1/5; 994/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 994/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-132.534, test=-2690.219)
total time= 55.7s
[CV 2/5; 999/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 999/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-640.745, test=-2680.021)
total time= 22.2s
[CV 5/5; 1000/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1000/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-438.504, test=-2915.474)
total time= 27.9s
[CV 5/5; 1003/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 5/5; 1003/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2030.879, test=-2739.182)
total time= 2.2s
[CV 3/5; 1004/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1004/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1589.808, test=-2821.157)
total time= 5.5s
[CV 1/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1072.821, test=-2600.694)
total time= 10.9s
[CV 4/5; 1005/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1005/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1107.016, test=-2736.450)
total time= 11.0s
[CV 4/5; 1006/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1006/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-614.255, test=-2792.204)
total time= 22.2s
[CV 1/5; 1008/2352] START learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1008/2352] END learning_rate=0.1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-132.534, test=-2693.314)
total time= 54.3s
[CV 2/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-997.114, test=-2789.676)
total time= 12.1s
[CV 4/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-484.143, test=-2979.308)
total time= 24.2s
[CV 2/5; 1021/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1021/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-1013.351, test=-2748.730)
total time= 12.2s
[CV 5/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-450.705, test=-3012.284)

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total time= 24.3s
[CV 2/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1061.946, test=-2704.929)
total time= 12.3s
[CV 5/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-519.562, test=-2980.263)
total time= 24.5s
[CV 4/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1102.250, test=-2757.353)
total time= 12.2s
[CV 4/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2400.896, test=-2541.963)
total time= 0.5s
[CV 2/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2351.615, test=-2374.620)
total time= 1.0s
[CV 5/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2248.016, test=-2710.045)
total time= 1.0s
[CV 3/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1995.670, test=-2855.218)
total time= 2.5s
[CV 1/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1679.381, test=-2474.153)
total time= 4.9s
[CV 4/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1668.095, test=-2701.985)
total time= 4.7s
[CV 5/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

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[CV 5/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1219.252, test=-2880.948)
total time= 9.8s
[CV 3/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-591.602, test=-3200.824)
total time= 24.4s
[CV 4/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1256.102, test=-2745.075)
total time= 9.8s
[CV 2/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-612.861, test=-2816.984)
total time= 24.4s
[CV 3/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1266.256, test=-3043.905)
total time= 9.8s
[CV 4/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1067.770, test=-2811.642)
total time= 12.4s
[CV 2/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2479.050, test=-2343.587)
total time= 0.5s
[CV 4/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2430.297, test=-2534.808)
total time= 0.5s
[CV 1/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2303.187, test=-2433.149)
total time= 1.0s
[CV 4/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2320.793, test=-2569.092)
total time= 1.0s

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[CV 2/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2047.771, test=-2475.231)
total time= 2.5s
[CV 5/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1953.442, test=-2762.609)
total time= 2.5s
[CV 3/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1644.826, test=-2950.335)
total time= 4.9s
[CV 1/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1235.812, test=-2555.519)
total time= 9.9s
[CV 3/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1083.542, test=-3122.514)
total time= 12.4s
[CV 1/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2438.781, test=-2414.763)
total time= 0.5s
[CV 2/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2452.523, test=-2323.481)
total time= 0.5s
[CV 3/5; 1037/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1037/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2370.107, test=-2736.126)
total time= 0.5s
[CV 1/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2314.383, test=-2434.468)
total time= 1.0s
[CV 4/5; 1038/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1038/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20;; score=(train=-2293.864, test=-2570.748)
total time= 1.0s
[CV 2/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2055.115, test=-2464.596)
total time= 2.5s
[CV 5/5; 1039/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1971.599, test=-2733.170)
total time= 2.5s
[CV 3/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1675.104, test=-2944.038)
total time= 5.3s
[CV 1/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1269.692, test=-2544.859)
total time= 9.8s
[CV 5/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1061.475, test=-2893.683)
total time= 12.2s
[CV 3/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2246.277, test=-2756.306)
total time= 1.0s
[CV 1/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2026.820, test=-2455.861)
total time= 2.4s
[CV 4/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-2005.285, test=-2625.966)
total time= 2.4s
[CV 2/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1700.378, test=-2573.117)
total time= 4.8s
[CV 5/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=100
[CV 5/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1641.530, test=-2762.581)
total time= 4.8s
[CV 1/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1111.091, test=-2569.304)
total time= 12.0s
[CV 4/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-608.032, test=-2841.829)
total time= 23.9s
[CV 2/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1107.898, test=-2689.726)
total time= 12.2s
[CV 1/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1206.254, test=-2592.306)
total time= 9.8s
[CV 3/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1025.248, test=-3035.544)
total time= 12.3s
[CV 1/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2430.606, test=-2414.353)
total time= 0.5s
[CV 3/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2380.134, test=-2722.779)
total time= 0.5s
[CV 5/5; 1030/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1030/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2358.104, test=-2705.445)
total time= 0.5s
[CV 2/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2336.456, test=-2391.408)

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total time= 1.0s
[CV 5/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2219.287, test=-2729.173)
total time= 1.0s
[CV 3/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2007.776, test=-2841.916)
total time= 2.5s
[CV 1/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1694.684, test=-2447.923)
total time= 4.9s
[CV 4/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1713.161, test=-2629.331)
total time= 4.9s
[CV 5/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-1238.481, test=-2860.509)
total time= 9.7s
[CV 3/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-586.601, test=-3217.026)
total time= 24.4s
[CV 4/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1256.102, test=-2737.285)
total time= 9.8s
[CV 2/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-612.861, test=-2822.535)
total time= 24.4s
[CV 3/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1266.256, test=-3043.224)
total time= 9.8s
[CV 1/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

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[CV 1/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-593.936, test=-2660.963)
total time= 24.1s
[CV 2/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1260.654, test=-2672.859)
total time= 9.8s
[CV 5/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1061.475, test=-2893.464)
total time= 12.2s
[CV 2/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2367.383, test=-2378.354)
total time= 1.0s
[CV 5/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2248.134, test=-2691.923)
total time= 1.0s
[CV 3/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1989.423, test=-2830.633)
total time= 2.4s
[CV 5/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1970.154, test=-2745.461)
total time= 2.5s
[CV 3/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1684.559, test=-2921.723)
total time= 4.9s
[CV 1/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1270.872, test=-2607.150)
total time= 9.8s
[CV 4/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1102.948, test=-2787.234)
total time= 12.2s

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[CV 5/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 5/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=10;; score=(train=-2357.830, test=-2678.587) total time= 0.5s
[CV 2/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 2/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2348.773, test=-2355.350) total time= 1.0s
[CV 5/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 5/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-2233.567, test=-2707.541) total time= 1.0s
[CV 1/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-1567.787, test=-2526.225) total time= 4.9s
[CV 4/5; 1012/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 4/5; 1012/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-1630.559, test=-2711.475) total time= 5.0s
[CV 3/5; 1013/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 3/5; 1013/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200;; score=(train=-1157.792, test=-3037.458) total time= 9.8s
[CV 1/5; 1014/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 1/5; 1014/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-937.084, test=-2650.814) total time= 12.2s
[CV 2/5; 1015/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 2/5; 1015/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-467.082, test=-2857.667) total time= 24.4s
[CV 4/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 4/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-1155.219, test=-2826.325) total time= 9.8s
[CV 2/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 2/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-497.034, test=-2849.407) total time= 24.7s

[CV 4/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 4/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-1234.588, test=-2763.562)
total time= 10.0s

[CV 3/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 3/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-511.839, test=-3141.390)
total time= 24.2s

[CV 4/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 4/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-1255.398, test=-2719.405)
total time= 9.7s

[CV 1/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 1/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-597.391, test=-2733.882)
total time= 24.3s

[CV 2/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 2/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-1260.654, test=-2680.720)
total time= 9.8s

[CV 4/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 4/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-1093.200, test=-2771.635)
total time= 12.2s

[CV 2/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 2/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-2351.615, test=-2370.759)
total time= 1.0s

[CV 5/5; 1045/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 5/5; 1045/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-2248.016, test=-2709.849)
total time= 1.0s

[CV 3/5; 1046/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 3/5; 1046/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-1995.670, test=-2858.048)
total time= 2.5s

[CV 1/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 1/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=100;; score=(train=-1679.381, test=-2476.493)
total time= 4.9s
[CV 4/5; 1047/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1047/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1668.095, test=-2704.931)
total time= 4.8s
[CV 5/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1219.252, test=-2864.907)
total time= 9.7s
[CV 3/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-591.602, test=-3199.161)
total time= 24.0s
[CV 4/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1256.102, test=-2751.981)
total time= 9.7s
[CV 1/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-593.936, test=-2663.929)
total time= 24.2s
[CV 2/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1298.039, test=-2666.817)
total time= 9.7s
[CV 5/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1106.164, test=-2974.062)
total time= 12.2s
[CV 4/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2299.294, test=-2549.185)
total time= 1.0s
[CV 2/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2069.876, test=-2494.151)
total time= 2.4s
[CV 5/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50
[CV 5/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1977.730, test=-2728.822)
total time= 2.4s
[CV 3/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1691.579, test=-2938.047)
total time= 4.8s
[CV 1/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-462.800, test=-2765.381)
total time= 24.5s
[CV 2/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-1230.156, test=-2659.973)
total time= 9.8s
[CV 5/5; 1028/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1028/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-1025.940, test=-2910.440)
total time= 12.0s
[CV 3/5; 1031/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1031/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2270.333, test=-2767.923)
total time= 1.0s
[CV 1/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2009.305, test=-2433.033)
total time= 2.5s
[CV 4/5; 1032/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1032/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-2039.386, test=-2616.801)
total time= 2.5s
[CV 2/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1701.552, test=-2544.367)
total time= 4.9s
[CV 5/5; 1033/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1033/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1650.853, test=-2797.409)

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total time= 4.9s
[CV 1/5; 1035/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1035/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1088.884, test=-2599.733)
total time= 12.2s
[CV 4/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-606.727, test=-2860.043)
total time= 24.5s
[CV 2/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1107.898, test=-2682.699)
total time= 12.2s
[CV 5/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-592.053, test=-2960.059)
total time= 24.3s
[CV 3/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1099.283, test=-3089.489)
total time= 12.2s
[CV 1/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2438.781, test=-2414.763)
total time= 0.5s
[CV 2/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2452.523, test=-2317.651)
total time= 0.5s
[CV 3/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2370.107, test=-2736.126)
total time= 0.5s
[CV 4/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2400.896, test=-2541.963)
total time= 0.5s
[CV 5/5; 1051/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 5/5; 1051/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2368.221, test=-2696.727)
total time= 0.5s
[CV 3/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2246.277, test=-2756.306)
total time= 1.0s
[CV 1/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2026.820, test=-2457.530)
total time= 2.4s
[CV 4/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-2005.285, test=-2625.200)
total time= 2.6s
[CV 2/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1700.378, test=-2571.478)
total time= 4.9s
[CV 5/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1641.530, test=-2773.356)
total time= 4.9s
[CV 1/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1111.091, test=-2570.067)
total time= 12.2s
[CV 4/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-608.032, test=-2830.045)
total time= 24.5s
[CV 2/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1152.880, test=-2713.091)
total time= 12.3s
[CV 5/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-650.646, test=-3041.901)
total time= 24.4s

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[CV 3/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 3/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1147.373, test=-3071.578)
total time= 12.1s
[CV 1/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 1/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-1993.449, test=-2466.257)
total time= 2.4s
[CV 4/5; 1018/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 4/5; 1018/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-2004.965, test=-2620.793)
total time= 2.5s
[CV 2/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 2/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-1682.830, test=-2568.365)
total time= 4.9s
[CV 5/5; 1019/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 5/5; 1019/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-1569.272, test=-2851.394)
total time= 4.9s
[CV 5/5; 1020/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 5/5; 1020/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-1127.723, test=-2929.667)
total time= 9.9s
[CV 3/5; 1022/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 3/5; 1022/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-469.339, test=-3179.884)
total time= 24.2s
[CV 5/5; 1027/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 5/5; 1027/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-1188.744, test=-2878.943)
total time= 9.6s
[CV 2/5; 1029/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 2/5; 1029/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-543.955, test=-2851.981)
total time= 24.5s
[CV 3/5; 1034/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 1034/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200;; score=(train=-1225.422, test=-3102.405)
total time= 9.9s
[CV 2/5; 1036/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1036/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-592.518, test=-2847.070)
total time= 24.3s
[CV 3/5; 1041/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1041/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-1266.256, test=-3044.248)
total time= 9.6s
[CV 1/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-593.936, test=-2669.184)
total time= 24.3s
[CV 2/5; 1048/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1048/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-1260.654, test=-2685.020)
total time= 9.8s
[CV 5/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1061.475, test=-2897.770)
total time= 12.1s
[CV 2/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2351.615, test=-2380.612)
total time= 1.0s
[CV 5/5; 1052/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1052/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2248.016, test=-2713.297)
total time= 1.0s
[CV 3/5; 1053/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1053/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1995.670, test=-2855.291)
total time= 2.5s
[CV 1/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1679.381, test=-2473.629)
total time= 5.0s
[CV 4/5; 1054/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 4/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1668.095, test=-2701.793)
total time= 4.9s
[CV 5/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1219.252, test=-2870.560)
total time= 9.7s
[CV 3/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-591.602, test=-3216.375)
total time= 24.5s
[CV 4/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1256.145, test=-2768.531)
total time= 9.8s
[CV 2/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-665.469, test=-2824.709)
total time= 24.5s
[CV 3/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1292.124, test=-3034.908)
total time= 9.9s
[CV 1/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-691.859, test=-2791.933)
total time= 24.3s
[CV 4/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1306.055, test=-2738.819)
total time= 9.8s
[CV 2/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-697.209, test=-2879.191)
total time= 24.3s
[CV 3/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1292.124, test=-3036.030)

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total time= 9.9s
[CV 2/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-612.861, test=-2827.379)
total time= 24.4s
[CV 3/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1270.363, test=-2995.736)
total time= 9.8s
[CV 1/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-659.431, test=-2739.403)
total time= 24.4s
[CV 2/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1308.333, test=-2666.497)
total time= 9.7s
[CV 5/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1159.192, test=-2892.825)
total time= 12.0s
[CV 4/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2299.294, test=-2553.128)
total time= 1.0s
[CV 2/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2069.876, test=-2500.311)
total time= 2.4s
[CV 5/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1977.730, test=-2728.482)
total time= 2.4s
[CV 3/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1691.579, test=-2936.222)
total time= 4.8s

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[CV 1/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1304.804, test=-2639.656)
total time= 9.7s
[CV 4/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1165.075, test=-2781.315)
total time= 12.1s
[CV 3/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2376.855, test=-2739.391)
total time= 0.5s
[CV 5/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2357.830, test=-2677.909)
total time= 0.5s
[CV 2/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2348.773, test=-2356.885)
total time= 1.0s
[CV 4/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2299.294, test=-2553.128)
total time= 1.0s
[CV 2/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2069.876, test=-2498.095)
total time= 2.4s
[CV 5/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1977.730, test=-2730.132)
total time= 2.4s
[CV 3/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1691.579, test=-2939.125)
total time= 4.9s
[CV 1/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200;; score=(train=-1304.804, test=-2635.552)
total time= 9.7s
[CV 4/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1165.075, test=-2783.403)
total time= 12.2s
[CV 5/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2357.830, test=-2677.909)
total time= 0.5s
[CV 2/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2348.773, test=-2365.905)
total time= 1.0s
[CV 5/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2233.567, test=-2709.341)
total time= 1.0s
[CV 2/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2069.876, test=-2491.546)
total time= 2.4s
[CV 5/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1977.730, test=-2731.755)
total time= 2.5s
[CV 3/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1691.579, test=-2934.072)
total time= 4.9s
[CV 1/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1304.804, test=-2641.818)
total time= 9.8s
[CV 4/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1165.075, test=-2774.398)
total time= 12.2s
[CV 5/5; 1057/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500
[CV 5/5; 1057/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-592.053, test=-2950.950)
total time= 24.4s
[CV 3/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1117.950, test=-3031.581)
total time= 12.3s
[CV 1/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2443.619, test=-2417.857)
total time= 0.5s
[CV 2/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2474.435, test=-2349.404)
total time= 0.5s
[CV 3/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2376.855, test=-2739.391)
total time= 0.5s
[CV 4/5; 1065/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1065/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2403.418, test=-2553.336)
total time= 0.5s
[CV 1/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2328.727, test=-2421.532)
total time= 1.0s
[CV 3/5; 1066/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1066/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2260.869, test=-2760.402)
total time= 1.0s
[CV 1/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2064.638, test=-2412.670)
total time= 2.4s
[CV 4/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-2036.149, test=-2616.213)

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total time= 2.5s
[CV 2/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1725.363, test=-2569.855)
total time= 4.9s
[CV 5/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1675.028, test=-2773.481)
total time= 4.9s
[CV 1/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1156.458, test=-2679.265)
total time= 12.0s
[CV 4/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-705.955, test=-2858.996)
total time= 24.2s
[CV 2/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1160.440, test=-2713.316)
total time= 12.2s
[CV 5/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-695.799, test=-2968.513)
total time= 24.0s
[CV 3/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1152.322, test=-3048.385)
total time= 12.1s
[CV 1/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2443.619, test=-2418.534)
total time= 0.5s
[CV 2/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2474.435, test=-2338.772)
total time= 0.5s
[CV 3/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

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[CV 3/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2376.951, test=-2739.612)
total time= 0.5s
[CV 4/5; 1086/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1086/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2403.418, test=-2553.336)
total time= 0.5s
[CV 1/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2328.727, test=-2421.275)
total time= 1.0s
[CV 4/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2299.294, test=-2549.185)
total time= 1.0s
[CV 3/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1982.424, test=-2863.257)
total time= 2.4s
[CV 1/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1717.351, test=-2484.448)
total time= 4.9s
[CV 4/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1708.741, test=-2665.100)
total time= 4.7s
[CV 4/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1306.055, test=-2728.403)
total time= 9.8s
[CV 2/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-697.209, test=-2881.084)
total time= 24.6s
[CV 3/5; 1054/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1675.104, test=-2932.649)
total time= 4.9s
[CV 1/5; 1055/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

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[CV 1/5; 1055/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-1269.692, test=-2538.154)
total time= 9.7s
[CV 4/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1093.200, test=-2770.766)
total time= 12.2s
[CV 3/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2363.838, test=-2740.793)
total time= 0.5s
[CV 5/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2368.221, test=-2696.727)
total time= 0.5s
[CV 3/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2245.427, test=-2756.989)
total time= 1.0s
[CV 1/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2029.521, test=-2452.983)
total time= 2.4s
[CV 4/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2035.107, test=-2610.857)
total time= 2.5s
[CV 2/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1714.630, test=-2574.243)
total time= 4.9s
[CV 5/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1640.296, test=-2855.808)
total time= 4.9s
[CV 1/5; 1063/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1063/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1128.920, test=-2644.847)
total time= 12.2s

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[CV 4/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 4/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-637.147, test=-2867.902) total time= 24.7s

[CV 2/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 2/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-1160.440, test=-2716.458) total time= 12.1s

[CV 5/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=500
[CV 5/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=2, n_estimators=500;; score=(train=-695.799, test=-2972.482) total time= 24.1s

[CV 3/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 3/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-1147.373, test=-3070.301) total time= 12.0s

[CV 1/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 1/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2443.619, test=-2418.534) total time= 0.5s

[CV 2/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 2/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2474.435, test=-2344.598) total time= 0.5s

[CV 4/5; 1079/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 4/5; 1079/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-2403.418, test=-2553.336) total time= 0.5s

[CV 1/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 1/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2328.727, test=-2421.528) total time= 1.0s

[CV 3/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 3/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-2260.869, test=-2760.503) total time= 1.0s

[CV 1/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 1/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50;; score=(train=-2064.638, test=-2412.291)
total time= 2.4s
[CV 4/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-2036.149, test=-2624.280)
total time= 2.5s
[CV 2/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1725.363, test=-2585.805)
total time= 4.9s
[CV 5/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1675.028, test=-2768.245)
total time= 4.9s
[CV 1/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1156.458, test=-2677.965)
total time= 12.1s
[CV 4/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-705.955, test=-2861.676)
total time= 24.3s
[CV 2/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1160.440, test=-2722.232)
total time= 12.2s
[CV 5/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-695.799, test=-2974.313)
total time= 24.4s
[CV 3/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1039/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-2005.285, test=-2627.846)
total time= 2.4s
[CV 2/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1700.378, test=-2561.460)
total time= 4.9s
[CV 5/5; 1040/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 5/5; 1040/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1641.530, test=-2770.077)
total time= 4.9s
[CV 1/5; 1042/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1042/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1111.091, test=-2571.661)
total time= 12.2s
[CV 4/5; 1043/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1043/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-608.032, test=-2842.161)
total time= 24.3s
[CV 2/5; 1049/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1049/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1107.898, test=-2679.313)
total time= 12.2s
[CV 5/5; 1050/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1050/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-592.053, test=-2974.852)
total time= 24.6s
[CV 3/5; 1056/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1056/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1099.283, test=-3095.273)
total time= 12.3s
[CV 1/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2438.781, test=-2415.554)
total time= 0.5s
[CV 2/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2474.619, test=-2336.807)
total time= 0.5s
[CV 4/5; 1058/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1058/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2410.274, test=-2549.756)
total time= 0.5s
[CV 1/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2314.383, test=-2434.468)

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total time= 1.0s
[CV 4/5; 1059/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1059/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2306.648, test=-2566.760)
total time= 1.0s
[CV 2/5; 1060/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1060/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-2066.460, test=-2474.169)
total time= 2.5s
[CV 1/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1693.576, test=-2547.475)
total time= 4.9s
[CV 4/5; 1061/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1061/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1702.615, test=-2710.507)
total time= 4.9s
[CV 5/5; 1062/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1062/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-1237.108, test=-2942.081)
total time= 9.9s
[CV 3/5; 1064/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1064/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-623.725, test=-3166.339)
total time= 24.6s
[CV 5/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1280.790, test=-2854.398)
total time= 9.7s
[CV 3/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-673.322, test=-3161.644)
total time= 24.1s
[CV 3/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1292.124, test=-3033.699)
total time= 9.8s
[CV 3/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

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[CV 3/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-673.322, test=-3155.429)
total time= 24.4s
[CV 4/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1306.055, test=-2739.154)
total time= 9.8s
[CV 1/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-691.859, test=-2793.564)
total time= 24.4s
[CV 3/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1284.982, test=-3009.323)
total time= 9.7s
[CV 1/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-691.859, test=-2794.627)
total time= 24.2s
[CV 2/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1366.790, test=-2688.190)
total time= 9.7s
[CV 5/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1184.611, test=-2872.032)
total time= 12.1s
[CV 3/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1304.804, test=-2634.153)
total time= 9.6s
[CV 4/5; 1070/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1070/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1165.075, test=-2780.761)
total time= 12.0s
[CV 3/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2376.855, test=-2739.391)
total time= 0.5s

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[CV 5/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2357.830, test=-2678.587)
total time= 0.4s
[CV 1/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2328.727, test=-2425.115)
total time= 1.0s
[CV 3/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2260.869, test=-2760.693)
total time= 1.0s
[CV 1/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2064.638, test=-2412.176)
total time= 2.4s
[CV 4/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-2036.149, test=-2623.058)
total time= 2.4s
[CV 2/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1725.363, test=-2575.858)
total time= 4.8s
[CV 5/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1675.028, test=-2769.772)
total time= 4.8s
[CV 1/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1156.458, test=-2677.651)
total time= 12.0s
[CV 4/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-705.955, test=-2848.878)
total time= 23.9s
[CV 2/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250;; score=(train=-1160.440, test=-2724.630)
total time= 12.1s
[CV 5/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-695.799, test=-2968.872)
total time= 24.5s
[CV 3/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1147.373, test=-3074.815)
total time= 12.3s
[CV 1/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2453.883, test=-2418.829)
total time= 0.5s
[CV 2/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2481.360, test=-2335.542)
total time= 0.5s
[CV 3/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2376.341, test=-2732.143)
total time= 0.5s
[CV 4/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2420.247, test=-2546.474)
total time= 0.5s
[CV 1/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2348.660, test=-2425.663)
total time= 1.0s
[CV 4/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2319.566, test=-2542.580)
total time= 1.0s
[CV 2/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2068.811, test=-2450.234)
total time= 2.4s
[CV 5/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 5/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2019.999, test=-2739.127)
total time= 2.5s
[CV 3/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1723.261, test=-2886.460)
total time= 4.9s
[CV 1/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1358.786, test=-2592.698)
total time= 9.8s
[CV 4/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1226.236, test=-2795.720)
total time= 12.2s
[CV 4/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2420.172, test=-2546.463)
total time= 0.5s
[CV 1/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2348.660, test=-2425.663)
total time= 1.0s
[CV 4/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1067/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1067/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1986.788, test=-2836.330)
total time= 2.5s
[CV 1/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1717.351, test=-2487.556)
total time= 4.8s
[CV 4/5; 1068/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1068/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1708.741, test=-2667.482)
total time= 4.9s
[CV 4/5; 1069/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

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[CV 4/5; 1069/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1306.055, test=-2741.049)
total time= 9.7s

[CV 2/5; 1071/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 2/5; 1071/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-697.209, test=-2881.371)
total time= 24.2s

[CV 2/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 2/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1308.333, test=-2676.928)
total time= 9.8s

[CV 1/5; 1078/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 1/5; 1078/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-691.859, test=-2792.432)
total time= 24.1s

[CV 2/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1308.333, test=-2676.161)
total time= 9.6s

[CV 5/5; 1084/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 1084/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1159.192, test=-2893.673)
total time= 12.3s

[CV 3/5; 1087/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 3/5; 1087/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2246.241, test=-2777.355)
total time= 1.0s

[CV 1/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 1/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2064.638, test=-2414.659)
total time= 2.4s

[CV 4/5; 1088/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 4/5; 1088/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-2036.149, test=-2614.567)
total time= 2.5s

[CV 2/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 2/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1725.363, test=-2585.463)
total time= 4.9s

[CV 5/5; 1089/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100
[CV 5/5; 1089/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-1675.028, test=-2773.519)
total time= 4.9s

[CV 1/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 1/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-1156.458, test=-2676.827)
total time= 12.1s

[CV 4/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 4/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-705.955, test=-2859.015)
total time= 24.6s

[CV 2/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 2/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1208.076, test=-2709.150)
total time= 12.0s

[CV 5/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 5/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-769.344, test=-2941.879)
total time= 23.4s

[CV 3/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 3/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-1176.206, test=-3011.717)
total time= 12.1s

[CV 1/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 1/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2453.883, test=-2419.099)
total time= 0.5s

[CV 2/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 2/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2481.360, test=-2346.100)
total time= 0.5s

[CV 3/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 3/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-2376.341, test=-2734.041)
total time= 0.5s

[CV 4/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=10
[CV 4/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10;; score=(train=-2420.247, test=-2546.474)
total time= 0.5s
[CV 1/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2348.660, test=-2424.933)
total time= 1.0s
[CV 4/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2319.566, test=-2542.580)
total time= 1.0s
[CV 2/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2068.811, test=-2447.171)
total time= 2.4s
[CV 5/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-2020.003, test=-2737.056)
total time= 2.4s
[CV 3/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1723.261, test=-2894.799)
total time= 4.8s
[CV 1/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2443.619, test=-2417.857)
total time= 0.5s
[CV 2/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2474.435, test=-2349.404)
total time= 0.5s
[CV 4/5; 1072/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1072/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2403.418, test=-2553.336)
total time= 0.5s
[CV 2/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2348.773, test=-2355.380)
total time= 1.0s
[CV 5/5; 1073/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1073/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-2233.567, test=-2708.539)
total time= 1.0s
[CV 3/5; 1074/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1074/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1986.788, test=-2838.268)
total time= 2.4s
[CV 1/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1717.351, test=-2488.617)
total time= 4.8s
[CV 4/5; 1075/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1075/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1708.741, test=-2664.422)
total time= 4.8s
[CV 5/5; 1076/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1076/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1280.790, test=-2851.204)
total time= 9.6s
[CV 5/5; 1077/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1077/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1159.192, test=-2891.923)
total time= 12.2s
[CV 5/5; 1080/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1080/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2233.567, test=-2707.741)
total time= 1.0s
[CV 3/5; 1081/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1081/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1982.424, test=-2864.729)
total time= 2.5s
[CV 1/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1717.351, test=-2492.136)
total time= 4.9s
[CV 4/5; 1082/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1082/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1708.741, test=-2668.817)
total time= 4.9s
[CV 5/5; 1083/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200
[CV 5/5; 1083/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1280.790, test=-2855.355)
total time= 9.8s
[CV 3/5; 1085/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-673.322, test=-3163.352)
total time= 24.3s
[CV 5/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1280.790, test=-2855.859)
total time= 9.7s
[CV 3/5; 1092/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1092/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-673.180, test=-3180.176)
total time= 24.3s
[CV 4/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1359.732, test=-2767.349)
total time= 9.7s
[CV 2/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-741.288, test=-2860.089)
total time= 24.2s
[CV 4/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1359.732, test=-2767.155)
total time= 9.7s
[CV 2/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-741.288, test=-2845.928)
total time= 24.1s
[CV 3/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1312.898, test=-2957.144)
total time= 9.7s
[CV 1/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-776.388, test=-2782.725)

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total time= 24.2s
[CV 2/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1366.790, test=-2703.485)
total time= 9.7s
[CV 5/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1184.611, test=-2873.210)
total time= 12.1s
[CV 2/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1958.883, test=-2528.657)
total time= 1.6s
[CV 5/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1849.200, test=-2805.892)
total time= 1.6s
[CV 3/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1085/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-697.209, test=-2868.357)
total time= 24.2s
[CV 2/5; 1090/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1090/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1308.333, test=-2673.491)
total time= 9.7s
[CV 5/5; 1091/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1091/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1159.192, test=-2891.289)
total time= 12.0s
[CV 3/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2270.828, test=-2767.377)
total time= 1.0s
[CV 1/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2074.229, test=-2429.679)
total time= 2.4s
[CV 4/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

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[CV 4/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2041.603, test=-2631.497)
total time= 2.4s
[CV 2/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1766.991, test=-2549.384)
total time= 4.9s
[CV 5/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1707.829, test=-2772.734)
total time= 4.9s
[CV 1/5; 1098/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1221.117, test=-2652.955)
total time= 12.1s
[CV 4/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-778.947, test=-2886.828)
total time= 24.3s
[CV 2/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1208.076, test=-2713.593)
total time= 12.1s
[CV 5/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-769.344, test=-2944.288)
total time= 24.3s
[CV 3/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1176.206, test=-3011.946)
total time= 12.2s
[CV 1/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2453.883, test=-2418.829)
total time= 0.5s
[CV 2/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2481.360, test=-2335.437)
total time= 0.5s

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[CV 4/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2420.247, test=-2546.474)
total time= 0.5s
[CV 1/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2348.660, test=-2426.365)
total time= 1.0s
[CV 4/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2293.847, test=-2547.697)
total time= 1.0s
[CV 2/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2068.811, test=-2438.281)
total time= 2.4s
[CV 5/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2019.999, test=-2738.207)
total time= 2.5s
[CV 3/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1723.261, test=-2883.698)
total time= 4.9s
[CV 1/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1358.786, test=-2598.845)
total time= 9.7s
[CV 4/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1226.236, test=-2804.423)
total time= 12.1s
[CV 4/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2221.146, test=-2552.242)
total time= 0.8s
[CV 1/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20;; score=(train=-1842.894, test=-2572.208)
total time= 1.5s
[CV 4/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1906.731, test=-2598.077)
total time= 1.6s
[CV 2/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1345.810, test=-2638.614)
total time= 4.0s
[CV 5/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1158.900, test=-2879.900)
total time= 3.9s
[CV 3/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2270.828, test=-2767.377)
total time= 1.0s
[CV 5/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2289.010, test=-2687.548)
total time= 1.0s
[CV 3/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2005.172, test=-2815.594)
total time= 2.5s
[CV 1/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1769.085, test=-2479.589)
total time= 4.8s
[CV 4/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1760.389, test=-2666.557)
total time= 4.9s
[CV 5/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1332.379, test=-2853.501)
total time= 9.7s
[CV 3/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 3/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-745.265, test=-3153.606)
total time= 24.2s
[CV 5/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1332.379, test=-2854.917)
total time= 9.7s
[CV 3/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-745.265, test=-3146.028)
total time= 24.3s
[CV 4/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1376.620, test=-2753.777)
total time= 9.7s
[CV 2/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-741.288, test=-2866.426)
total time= 23.9s
[CV 5/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-652.782, test=-2920.049)
total time= 7.9s
[CV 3/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-121.871, test=-3073.447)
total time= 19.5s
[CV 1/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2206.916, test=-2445.869)
total time= 0.8s
[CV 2/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2247.974, test=-2431.351)
total time= 0.8s
[CV 3/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2133.113, test=-2766.904)

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total time= 0.8s
[CV 4/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2219.158, test=-2565.768)
total time= 0.8s
[CV 5/5; 1128/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1128/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2144.994, test=-2760.158)
total time= 0.8s
[CV 1/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1877.106, test=-2510.927)
total time= 1.5s
[CV 2/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1953.520, test=-2529.081)
total time= 1.6s
[CV 3/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1855.977, test=-2815.002)
total time= 1.6s
[CV 5/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1861.364, test=-2824.204)
total time= 1.6s
[CV 3/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1286.603, test=-2887.365)
total time= 3.9s
[CV 1/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-683.459, test=-2624.550)
total time= 7.7s
[CV 4/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-738.475, test=-2752.674)
total time= 7.7s
[CV 2/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

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[CV 2/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-249.488, test=-2744.476)
total time= 15.6s

[CV 5/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 5/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-131.591, test=-3002.544)
total time= 19.5s

[CV 2/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 2/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1421.962, test=-2605.587)
total time= 3.8s

[CV 5/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 4/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2293.847, test=-2547.697)
total time= 1.0s

[CV 2/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 2/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2068.811, test=-2449.060)
total time= 2.5s

[CV 5/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 5/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2020.003, test=-2737.529)
total time= 2.4s

[CV 3/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 3/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1723.261, test=-2887.451)
total time= 4.9s

[CV 1/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 1/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1358.786, test=-2601.542)
total time= 9.7s

[CV 4/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 4/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1226.236, test=-2793.562)
total time= 12.1s

[CV 5/5; 1107/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 5/5; 1107/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2371.693, test=-2672.164)
total time= 0.5s

[CV 2/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 2/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2342.653, test=-2362.741) total time= 1.0s
[CV 5/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 5/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2288.994, test=-2687.824) total time= 1.0s
[CV 3/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 3/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-2005.172, test=-2818.140) total time= 2.4s
[CV 1/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 1/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-1769.085, test=-2477.873) total time= 4.8s
[CV 4/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 4/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-1760.389, test=-2668.517) total time= 4.8s
[CV 4/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 4/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1359.732, test=-2766.046) total time= 9.7s
[CV 2/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 2/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-741.288, test=-2857.873) total time= 24.2s
[CV 3/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 3/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-1312.898, test=-2960.226) total time= 9.7s
[CV 1/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 1/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-776.388, test=-2772.001) total time= 24.3s
[CV 4/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 4/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,


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min_samples_split=2, n_estimators=100;; score=(train=-667.344, test=-2806.614)
total time= 7.8s
[CV 2/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-147.867, test=-2834.106)
total time= 19.5s
[CV 5/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-8.837, test=-2962.854)
total time= 38.5s
[CV 3/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-138.812, test=-3053.403)
total time= 19.4s
[CV 1/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2216.253, test=-2471.714)
total time= 0.8s
[CV 2/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2267.981, test=-2400.704)
total time= 0.8s
[CV 3/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2171.277, test=-2783.961)
total time= 0.8s
[CV 5/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2164.982, test=-2696.825)
total time= 0.8s
[CV 2/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1959.687, test=-2489.959)
total time= 1.6s
[CV 4/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1955.058, test=-2576.524)
total time= 1.6s
[CV 1/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50
[CV 1/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1326.931, test=-2620.452)
total time= 3.9s
[CV 4/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1299.651, test=-2698.712)
total time= 3.8s
[CV 2/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1098/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1176.206, test=-3014.143)
total time= 12.1s
[CV 1/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2453.883, test=-2419.099)
total time= 0.5s
[CV 2/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2481.360, test=-2341.214)
total time= 0.5s
[CV 3/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2376.341, test=-2734.041)
total time= 0.5s
[CV 5/5; 1100/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1100/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2371.688, test=-2671.469)
total time= 0.5s
[CV 2/5; 1101/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1101/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2342.653, test=-2354.332)
total time= 1.0s
[CV 1/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2074.229, test=-2426.697)
total time= 2.4s
[CV 4/5; 1102/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1102/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-2041.603, test=-2629.693)

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total time= 2.4s
[CV 2/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1766.991, test=-2551.427)
total time= 4.8s
[CV 5/5; 1103/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1103/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1707.815, test=-2772.052)
total time= 4.8s
[CV 1/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1221.117, test=-2656.911)
total time= 12.0s
[CV 4/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-778.947, test=-2892.917)
total time= 24.0s
[CV 2/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1208.076, test=-2709.261)
total time= 12.0s
[CV 5/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-768.612, test=-2934.944)
total time= 24.0s
[CV 3/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1176.206, test=-3009.947)
total time= 12.0s
[CV 1/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2208.358, test=-2456.310)
total time= 0.8s
[CV 2/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2232.207, test=-2425.158)
total time= 0.8s
[CV 3/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

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[CV 3/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2133.310, test=-2766.071)
total time= 0.7s
[CV 5/5; 1121/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1121/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2145.526, test=-2762.600)
total time= 0.8s
[CV 3/5; 1122/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1122/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1892.606, test=-2811.051)
total time= 1.5s
[CV 1/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1214.038, test=-2612.211)
total time= 3.9s
[CV 4/5; 1123/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1241.273, test=-2643.019)
total time= 3.9s
[CV 2/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-740.356, test=-2761.906)
total time= 7.8s
[CV 3/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-208.810, test=-3077.918)
total time= 15.6s
[CV 1/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-11.054, test=-2747.831)
total time= 39.0s
[CV 3/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-223.867, test=-3066.851)
total time= 15.7s
[CV 1/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-13.299, test=-2692.459)
total time= 39.0s

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[CV 3/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 3/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-338.624, test=-3131.536) total time= 15.8s
[CV 1/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 3/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 3/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-1312.898, test=-2957.689) total time= 9.7s
[CV 1/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 1/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-776.388, test=-2780.834) total time= 23.8s
[CV 2/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 2/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-1366.790, test=-2697.332) total time= 9.6s
[CV 5/5; 1105/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 5/5; 1105/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-1193.991, test=-2903.892) total time= 12.0s
[CV 3/5; 1108/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 3/5; 1108/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-2270.828, test=-2767.534) total time= 1.0s
[CV 1/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 1/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-2074.229, test=-2426.928) total time= 2.4s
[CV 4/5; 1109/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 4/5; 1109/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-2041.603, test=-2622.243) total time= 2.4s
[CV 2/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 2/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-1766.991, test=-2565.007) total time= 4.8s
[CV 5/5; 1110/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100
[CV 5/5; 1110/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1707.829, test=-2772.906)
total time= 4.8s
[CV 1/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1221.117, test=-2659.652)
total time= 12.0s
[CV 4/5; 1113/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1113/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-776.467, test=-2846.979)
total time= 23.9s
[CV 2/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1208.076, test=-2720.978)
total time= 12.0s
[CV 5/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-769.344, test=-2936.245)
total time= 24.7s
[CV 1/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-110.294, test=-2766.947)
total time= 19.3s
[CV 4/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-12.297, test=-2952.518)
total time= 39.0s
[CV 2/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-149.442, test=-2785.314)
total time= 19.6s
[CV 5/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-10.553, test=-2981.120)
total time= 38.8s
[CV 3/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-210.214, test=-3138.052)

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total time= 19.3s
[CV 1/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2188.925, test=-2480.660)
total time= 0.8s
[CV 3/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2162.603, test=-2756.189)
total time= 0.8s
[CV 5/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2177.331, test=-2706.386)
total time= 0.8s
[CV 2/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2027.418, test=-2483.322)
total time= 1.6s
[CV 4/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2024.570, test=-2552.053)
total time= 1.6s
[CV 2/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1517.575, test=-2536.894)
total time= 4.0s
[CV 5/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1347.335, test=-2841.398)
total time= 3.9s
[CV 3/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-875.713, test=-3009.872)
total time= 7.8s
[CV 1/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-413.168, test=-2726.786)
total time= 15.6s
[CV 4/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 4/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-309.941, test=-2787.809)
total time= 19.6s

[CV 5/5; 1093/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 5/5; 1093/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2371.695, test=-2672.158)
total time= 0.5s

[CV 2/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 2/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2342.653, test=-2358.240)
total time= 1.0s

[CV 5/5; 1094/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 5/5; 1094/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2288.994, test=-2685.832)
total time= 1.0s

[CV 3/5; 1095/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 3/5; 1095/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-2005.172, test=-2814.363)
total time= 2.5s

[CV 1/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 1/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1769.085, test=-2478.823)
total time= 4.9s

[CV 4/5; 1096/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 4/5; 1096/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1752.106, test=-2683.159)
total time= 4.9s

[CV 5/5; 1097/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 5/5; 1097/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-1316.985, test=-2868.780)
total time= 9.7s

[CV 3/5; 1099/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 3/5; 1099/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-745.265, test=-3146.131)
total time= 23.9s

[CV 3/5; 1104/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 3/5; 1104/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-1312.898, test=-2956.640)
total time= 9.7s

[CV 1/5; 1106/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 1/5; 1106/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-776.388, test=-2781.633)
total time= 24.2s

[CV 2/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 2/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-1366.790, test=-2694.562)
total time= 9.7s

[CV 5/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 5/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-1184.611, test=-2870.439)
total time= 12.1s

[CV 3/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 3/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2270.828, test=-2767.534)
total time= 1.0s

[CV 1/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 1/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2074.229, test=-2427.078)
total time= 2.4s

[CV 4/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 4/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-2029.537, test=-2627.350)
total time= 2.4s

[CV 2/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 2/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1766.991, test=-2549.636)
total time= 4.9s

[CV 5/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 5/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-1707.815, test=-2775.652)
total time= 4.9s

[CV 1/5; 1119/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 1/5; 1119/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-1221.117, test=-2654.342)
total time= 12.1s

[CV 4/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 4/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=500;; score=(train=-776.467, test=-2842.508)
total time= 24.2s
[CV 4/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-229.048, test=-2837.118)
total time= 15.7s
[CV 2/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-10.279, test=-2866.894)
total time= 38.8s
[CV 4/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-252.298, test=-2795.764)
total time= 15.7s
[CV 2/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-13.454, test=-2794.242)
total time= 38.8s
[CV 5/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-340.962, test=-2879.869)
total time= 15.6s
[CV 3/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-25.657, test=-3164.124)
total time= 38.4s
[CV 2/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-424.199, test=-2666.942)
total time= 15.4s
[CV 5/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-302.978, test=-2912.728)
total time= 19.3s
[CV 2/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1423.001, test=-2614.122)
total time= 3.9s
[CV 1/5; 1111/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200
[CV 1/5; 1111/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-1358.786, test=-2597.516)
total time= 9.6s
[CV 4/5; 1112/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1112/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1226.236, test=-2797.240)
total time= 12.1s
[CV 3/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2376.341, test=-2732.143)
total time= 0.5s
[CV 5/5; 1114/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1114/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2371.693, test=-2671.481)
total time= 0.5s
[CV 2/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2342.653, test=-2368.541)
total time= 1.0s
[CV 5/5; 1115/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1115/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2288.994, test=-2685.832)
total time= 1.0s
[CV 3/5; 1116/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1116/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-2005.172, test=-2816.583)
total time= 2.4s
[CV 1/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1769.085, test=-2479.509)
total time= 4.9s
[CV 4/5; 1117/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1117/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1752.106, test=-2682.019)
total time= 4.8s
[CV 5/5; 1118/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1118/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-1332.379, test=-2857.411)

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total time= 9.7s
[CV 3/5; 1120/2352] START learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1120/2352] END learning_rate=0.25, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-745.265, test=-3146.650)
total time= 23.9s
[CV 1/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-238.482, test=-2745.047)
total time= 15.4s
[CV 4/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-144.674, test=-2903.522)
total time= 19.3s
[CV 4/5; 1129/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1129/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1927.779, test=-2555.961)
total time= 1.6s
[CV 1/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1223.977, test=-2585.655)
total time= 3.8s
[CV 4/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1289.537, test=-2712.653)
total time= 3.9s
[CV 2/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-731.842, test=-2711.785)
total time= 7.7s
[CV 5/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-660.817, test=-2953.200)
total time= 7.6s
[CV 5/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-222.630, test=-2981.927)
total time= 15.5s
[CV 3/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

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[CV 3/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-11.822, test=-3072.040)
total time= 38.6s

[CV 4/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 4/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-344.395, test=-2828.925)
total time= 15.5s

[CV 2/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-30.575, test=-2836.836)
total time= 38.8s

[CV 3/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 3/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-374.025, test=-3065.400)
total time= 15.5s

[CV 1/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-46.377, test=-2761.968)
total time= 38.5s

[CV 2/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 2/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-377.303, test=-2758.308)
total time= 15.2s

[CV 5/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 5/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-250.104, test=-2956.427)
total time= 19.3s

[CV 2/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 2/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1423.001, test=-2620.431)
total time= 4.0s

[CV 5/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 5/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1323.019, test=-2851.704)
total time= 3.9s

[CV 3/5; 1123/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1243.146, test=-2878.752)
total time= 4.0s

[CV 1/5; 1124/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 1/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-694.777, test=-2701.016)
total time= 7.9s

[CV 2/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 2/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-247.218, test=-2800.963)
total time= 15.7s

[CV 5/5; 1126/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 5/5; 1126/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-124.779, test=-2981.037)
total time= 19.5s

[CV 2/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 2/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1340.334, test=-2613.224)
total time= 3.9s

[CV 5/5; 1130/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 5/5; 1130/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1245.538, test=-2883.778)
total time= 3.8s

[CV 3/5; 1131/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 3/5; 1131/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-731.519, test=-2961.697)
total time= 7.7s

[CV 1/5; 1132/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 1/5; 1132/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-239.333, test=-2687.167)
total time= 15.4s

[CV 4/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 4/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-154.464, test=-2805.598)
total time= 19.3s

[CV 4/5; 1135/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

[CV 4/5; 1135/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2231.039, test=-2527.859)
total time= 0.8s

[CV 1/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 1/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1970.982, test=-2518.460)
total time= 1.6s

[CV 3/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 3/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-1890.284, test=-2833.569) total time= 1.5s
[CV 5/5; 1136/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 5/5; 1136/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-1871.989, test=-2721.100) total time= 1.6s
[CV 3/5; 1137/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=50
[CV 3/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=50;; score=(train=-1322.825, test=-2948.663) total time= 4.0s
[CV 1/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 1/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-855.773, test=-2652.504) total time= 7.7s
[CV 4/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 4/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-779.836, test=-2760.407) total time= 7.7s
[CV 2/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 2/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-345.981, test=-2818.888) total time= 15.6s
[CV 5/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 5/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-238.253, test=-2880.424) total time= 19.4s
[CV 5/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 5/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-1907.093, test=-2764.430) total time= 1.5s
[CV 3/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 3/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-1409.732, test=-2910.966) total time= 3.9s
[CV 1/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 1/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=100;; score=(train=-881.939, test=-2657.664)
total time= 7.8s
[CV 4/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-926.277, test=-2672.908)
total time= 7.7s
[CV 4/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-453.031, test=-2770.260)
total time= 15.6s
[CV 2/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-54.917, test=-2733.380)
total time= 38.6s
[CV 3/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-363.044, test=-3132.821)
total time= 15.4s
[CV 1/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-40.741, test=-2700.289)
total time= 38.3s
[CV 2/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-380.342, test=-2811.932)
total time= 15.3s
[CV 5/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-250.104, test=-2958.587)
total time= 19.2s
[CV 5/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1137/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1281.398, test=-2804.987)
total time= 3.9s
[CV 3/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-836.921, test=-3046.027)
total time= 7.9s
[CV 1/5; 1139/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200
[CV 1/5; 1139/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-286.167, test=-2722.195)
total time= 15.5s
[CV 4/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-230.975, test=-2851.802)
total time= 19.5s
[CV 2/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2261.715, test=-2384.949)
total time= 0.8s
[CV 4/5; 1142/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1142/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2261.046, test=-2520.377)
total time= 0.8s
[CV 1/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1930.622, test=-2493.030)
total time= 1.5s
[CV 3/5; 1143/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1143/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1953.358, test=-2787.585)
total time= 1.5s
[CV 1/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1363.555, test=-2546.238)
total time= 3.8s
[CV 4/5; 1144/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1144/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1449.607, test=-2604.932)
total time= 3.9s
[CV 2/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-898.806, test=-2612.434)
total time= 7.7s
[CV 5/5; 1145/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1145/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-915.739, test=-2859.177)

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total time= 7.7s
[CV 1/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-271.433, test=-2748.949)
total time= 19.3s
[CV 4/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-55.079, test=-2803.252)
total time= 38.8s
[CV 2/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-247.430, test=-2845.764)
total time= 19.2s
[CV 5/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-40.864, test=-2983.484)
total time= 38.5s
[CV 3/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-234.501, test=-3143.416)
total time= 19.2s
[CV 1/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2225.719, test=-2462.358)
total time= 0.8s
[CV 2/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2194.652, test=-2403.094)
total time= 0.8s
[CV 3/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2169.473, test=-2770.935)
total time= 0.8s
[CV 5/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2156.599, test=-2708.126)
total time= 0.8s
[CV 2/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

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[CV 2/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1968.297, test=-2479.089)
total time= 1.5s
[CV 4/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1938.926, test=-2572.133)
total time= 1.5s
[CV 2/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1423.001, test=-2616.465)
total time= 3.8s
[CV 5/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1323.019, test=-2857.185)
total time= 3.8s
[CV 3/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-836.022, test=-3052.796)
total time= 7.7s
[CV 1/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-360.179, test=-2693.386)
total time= 15.3s
[CV 4/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-245.695, test=-2807.562)
total time= 19.1s
[CV 4/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1124/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-702.452, test=-2993.801)
total time= 7.8s
[CV 5/5; 1125/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1125/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-230.063, test=-2966.655)
total time= 15.7s
[CV 3/5; 1127/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1127/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-8.522, test=-3075.390)
total time= 38.6s

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[CV 1/5; 1133/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=250

[CV 1/5; 1133/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-151.645, test=-2712.766) total time= 19.3s

[CV 4/5; 1134/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500

[CV 4/5; 1134/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-14.435, test=-2830.804) total time= 38.6s

[CV 2/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250

[CV 2/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-229.201, test=-2825.778) total time= 19.4s

[CV 5/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500

[CV 5/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-31.955, test=-2893.344) total time= 38.5s

[CV 3/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250

[CV 3/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-249.480, test=-3085.923) total time= 19.2s

[CV 1/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10

[CV 1/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2225.719, test=-2467.986) total time= 0.8s

[CV 2/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10

[CV 2/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2194.652, test=-2396.696) total time= 0.7s

[CV 3/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10

[CV 3/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2169.473, test=-2771.196) total time= 0.8s

[CV 4/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10

[CV 4/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2218.905, test=-2514.696) total time= 0.7s

[CV 5/5; 1149/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=10

[CV 5/5; 1149/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-2156.599, test=-2710.654)
total time= 0.8s
[CV 2/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1968.297, test=-2489.554)
total time= 1.5s
[CV 4/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1938.926, test=-2572.170)
total time= 1.5s
[CV 1/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1350.584, test=-2543.288)
total time= 3.8s
[CV 4/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1347.244, test=-2637.026)
total time= 3.8s
[CV 2/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-872.509, test=-2730.685)
total time= 7.7s
[CV 5/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-812.183, test=-2903.104)
total time= 7.7s
[CV 1/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-252.456, test=-2697.972)
total time= 19.1s
[CV 4/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-37.801, test=-2832.399)
total time= 38.7s
[CV 2/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-247.430, test=-2848.359)
total time= 19.2s
[CV 5/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500
[CV 5/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-41.627, test=-2964.675)
total time= 38.3s
[CV 3/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-245.716, test=-3153.306)
total time= 19.3s
[CV 1/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2244.037, test=-2431.456)
total time= 0.8s
[CV 2/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2256.717, test=-2382.284)
total time= 0.8s
[CV 3/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2190.590, test=-2782.203)
total time= 0.8s
[CV 5/5; 1170/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2172.387, test=-2710.483)
total time= 0.8s
[CV 2/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1998.758, test=-2426.455)
total time= 1.5s
[CV 2/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-830.551, test=-2748.570)
total time= 7.7s
[CV 5/5; 1138/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1138/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-767.633, test=-2856.445)
total time= 7.7s
[CV 1/5; 1140/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1140/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-184.681, test=-2741.695)
total time= 19.2s
[CV 4/5; 1141/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500
[CV 4/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-36.391, test=-2876.508)
total time= 38.5s
[CV 2/5; 1147/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1147/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-292.687, test=-2668.825)
total time= 19.2s
[CV 5/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-53.553, test=-2898.508)
total time= 38.3s
[CV 3/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-245.716, test=-3153.517)
total time= 19.1s
[CV 1/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2225.719, test=-2464.174)
total time= 0.8s
[CV 2/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2194.652, test=-2400.781)
total time= 0.8s
[CV 3/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2169.473, test=-2771.196)
total time= 0.7s
[CV 4/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2218.905, test=-2514.696)
total time= 0.8s
[CV 5/5; 1156/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1156/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2156.599, test=-2702.878)
total time= 0.8s
[CV 2/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1968.297, test=-2477.089)

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total time= 1.6s
[CV 4/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1938.926, test=-2576.287)
total time= 1.5s
[CV 1/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1350.584, test=-2546.382)
total time= 3.8s
[CV 4/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1347.244, test=-2639.474)
total time= 3.9s
[CV 2/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-872.509, test=-2731.449)
total time= 7.8s
[CV 5/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-812.183, test=-2899.662)
total time= 7.6s
[CV 1/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-252.456, test=-2689.182)
total time= 19.0s
[CV 4/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-37.801, test=-2842.222)
total time= 38.2s
[CV 2/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-247.430, test=-2851.828)
total time= 19.2s
[CV 5/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-41.627, test=-2967.178)
total time= 38.7s
[CV 3/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

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[CV 3/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-301.864, test=-3092.809)
total time= 19.3s
[CV 1/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2273.783, test=-2448.531)
total time= 0.8s
[CV 2/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2256.279, test=-2361.344)
total time= 0.8s
[CV 3/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2228.004, test=-2748.192)
total time= 0.8s
[CV 5/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2167.512, test=-2683.534)
total time= 0.8s
[CV 2/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2008.627, test=-2417.568)
total time= 1.5s
[CV 4/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1995.860, test=-2592.591)
total time= 1.6s
[CV 5/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1323.019, test=-2853.266)
total time= 3.8s
[CV 3/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-836.022, test=-3051.695)
total time= 7.7s
[CV 1/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-360.179, test=-2689.296)
total time= 15.3s

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[CV 4/5; 1154/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1154/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-245.695, test=-2818.158)
total time= 19.3s
[CV 1/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1982.235, test=-2486.844)
total time= 1.6s
[CV 3/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1922.954, test=-2828.795)
total time= 1.6s
[CV 5/5; 1157/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1157/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1879.077, test=-2762.142)
total time= 1.6s
[CV 3/5; 1158/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1158/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1381.568, test=-2924.948)
total time= 4.0s
[CV 1/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-843.926, test=-2632.619)
total time= 7.9s
[CV 4/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-832.572, test=-2753.906)
total time= 7.7s
[CV 3/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-358.003, test=-3123.143)
total time= 15.4s
[CV 1/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-40.741, test=-2688.806)
total time= 38.5s
[CV 2/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=200;; score=(train=-380.342, test=-2816.035)
total time= 15.5s
[CV 5/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-250.104, test=-2957.332)
total time= 19.2s
[CV 1/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1416.388, test=-2529.527)
total time= 3.8s
[CV 4/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1483.598, test=-2634.933)
total time= 3.8s
[CV 2/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-971.550, test=-2632.457)
total time= 7.7s
[CV 5/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-902.881, test=-2815.868)
total time= 7.7s
[CV 1/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-310.330, test=-2710.603)
total time= 19.1s
[CV 4/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-79.881, test=-2867.023)
total time= 38.5s
[CV 2/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-342.627, test=-2831.565)
total time= 19.0s
[CV 5/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-91.151, test=-2986.971)
total time= 38.1s
[CV 3/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=250
[CV 3/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-357.893, test=-3096.374)
total time= 19.0s
[CV 1/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2273.783, test=-2451.493)
total time= 0.8s
[CV 2/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2256.283, test=-2356.888)
total time= 0.8s
[CV 3/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2228.057, test=-2755.275)
total time= 0.8s
[CV 4/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2225.253, test=-2566.150)
total time= 0.8s
[CV 1/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2049.223, test=-2486.482)
total time= 1.5s
[CV 4/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1159/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1159/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-836.022, test=-3046.167)
total time= 7.9s
[CV 1/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-360.179, test=-2690.669)
total time= 15.5s
[CV 4/5; 1161/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1161/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-245.695, test=-2815.792)
total time= 19.5s
[CV 4/5; 1163/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 4/5; 1163/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2218.905, test=-2515.453)
total time= 0.8s

[CV 1/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 1/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1982.235, test=-2490.174)
total time= 1.5s

[CV 3/5; 1164/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 3/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1923.016, test=-2827.418)
total time= 1.5s

[CV 1/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 1/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1350.584, test=-2545.998)
total time= 3.8s

[CV 4/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 4/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1347.244, test=-2641.677)
total time= 3.9s

[CV 2/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 2/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-872.509, test=-2734.274)
total time= 7.8s

[CV 5/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 5/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-812.183, test=-2897.842)
total time= 7.8s

[CV 1/5; 1168/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 1/5; 1168/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-252.456, test=-2692.279)
total time= 19.5s

[CV 4/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 4/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-37.801, test=-2845.170)
total time= 38.6s

[CV 2/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 2/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-344.998, test=-2741.231)
total time= 19.4s

[CV 5/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500
[CV 5/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-62.034, test=-2907.437)
total time= 38.7s

[CV 4/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 4/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-357.780, test=-2858.099)
total time= 19.2s

[CV 2/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 2/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2256.283, test=-2365.011)
total time= 0.8s

[CV 4/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10
[CV 4/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-2225.253, test=-2566.150)
total time= 0.8s

[CV 1/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 1/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2020.372, test=-2482.040)
total time= 1.5s

[CV 4/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 4/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-2010.983, test=-2582.061)
total time= 1.6s

[CV 2/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1456.383, test=-2570.134)
total time= 3.8s

[CV 5/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 5/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-1437.924, test=-2804.004)
total time= 3.9s

[CV 3/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 3/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-969.390, test=-2938.200)
total time= 7.7s

[CV 1/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 1/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200;; score=(train=-497.592, test=-2754.089)
total time= 15.4s
[CV 4/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-377.378, test=-2872.875)
total time= 19.2s
[CV 5/5; 1191/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1191/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2167.580, test=-2683.939)
total time= 0.8s
[CV 2/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2008.627, test=-2427.853)
total time= 1.5s
[CV 5/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1940.308, test=-2740.078)
total time= 1.5s
[CV 3/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1461.341, test=-2922.939)
total time= 3.9s
[CV 1/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1980.431, test=-2603.455)
total time= 1.5s
[CV 2/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1456.335, test=-2529.987)
total time= 3.8s
[CV 5/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1381.116, test=-2784.976)
total time= 3.9s
[CV 3/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-938.691, test=-3039.472)

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total time= 7.8s
[CV 1/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-445.411, test=-2690.589)
total time= 15.4s
[CV 4/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-356.105, test=-2829.902)
total time= 19.3s
[CV 4/5; 1177/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1177/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2225.253, test=-2570.206)
total time= 0.8s
[CV 1/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2020.372, test=-2481.678)
total time= 1.5s
[CV 3/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1974.911, test=-2792.369)
total time= 1.6s
[CV 1/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1462.368, test=-2603.474)
total time= 3.8s
[CV 4/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1482.659, test=-2680.641)
total time= 3.9s
[CV 2/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-971.010, test=-2652.128)
total time= 7.6s
[CV 5/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-916.911, test=-2907.249)
total time= 7.6s
[CV 1/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

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[CV 1/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-371.256, test=-2752.908)
total time= 19.2s

[CV 4/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 4/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-86.525, test=-2888.600)
total time= 38.4s

[CV 2/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 2/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-342.627, test=-2837.423)
total time= 19.2s

[CV 5/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 5/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-78.679, test=-2960.347)
total time= 38.4s

[CV 3/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 3/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-355.093, test=-3208.218)
total time= 19.2s

[CV 1/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 1/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2273.762, test=-2448.534)
total time= 0.8s

[CV 2/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 2/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2256.279, test=-2359.158)
total time= 0.8s

[CV 4/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 4/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2225.253, test=-2570.206)
total time= 0.8s

[CV 1/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 1/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2049.223, test=-2490.842)
total time= 1.5s

[CV 4/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 4/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1995.860, test=-2592.458)
total time= 1.5s

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[CV 2/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1444.485, test=-2588.331)
total time= 3.8s
[CV 5/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1424.763, test=-2808.337)
total time= 3.8s
[CV 3/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-973.082, test=-3007.715)
total time= 7.6s
[CV 1/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-501.642, test=-2742.195)
total time= 15.2s
[CV 4/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-357.780, test=-2855.994)
total time= 19.1s
[CV 1/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1982.235, test=-2485.294)
total time= 1.6s
[CV 3/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1922.954, test=-2827.794)
total time= 1.5s
[CV 5/5; 1150/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1150/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1879.077, test=-2749.356)
total time= 1.6s
[CV 3/5; 1151/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1151/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1381.568, test=-2913.617)
total time= 3.9s
[CV 1/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100;; score=(train=-843.926, test=-2632.818)
total time= 7.7s
[CV 4/5; 1152/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1152/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-832.572, test=-2754.903)
total time= 7.8s
[CV 5/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-366.282, test=-2944.276)
total time= 15.5s
[CV 3/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-37.016, test=-3171.594)
total time= 38.5s
[CV 4/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-356.708, test=-2809.485)
total time= 15.5s
[CV 2/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-38.262, test=-2883.371)
total time= 38.5s
[CV 3/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-363.044, test=-3117.342)
total time= 15.5s
[CV 1/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-40.741, test=-2688.818)
total time= 38.4s
[CV 2/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-460.284, test=-2698.237)
total time= 15.4s
[CV 5/5; 1175/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1175/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-317.043, test=-2890.010)
total time= 19.2s
[CV 5/5; 1178/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=20
[CV 5/5; 1178/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1940.306, test=-2738.751)
total time= 1.5s
[CV 3/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1486.607, test=-2853.810)
total time= 3.8s
[CV 1/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-993.994, test=-2635.561)
total time= 7.7s
[CV 4/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-981.455, test=-2772.631)
total time= 7.6s
[CV 5/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-477.666, test=-2917.319)
total time= 15.3s
[CV 3/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-87.775, test=-3092.652)
total time= 38.1s
[CV 4/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-488.305, test=-2837.009)
total time= 15.2s
[CV 2/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-75.386, test=-2785.947)
total time= 37.9s
[CV 3/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-476.416, test=-3036.540)
total time= 15.5s
[CV 1/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-82.738, test=-2822.578)

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total time= 38.3s
[CV 2/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-474.907, test=-2750.056)
total time= 14.9s
[CV 5/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-345.454, test=-2929.394)
total time= 18.8s
[CV 3/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1944.148, test=-2819.224)
total time= 1.5s
[CV 1/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1516.567, test=-2556.735)
total time= 3.7s
[CV 4/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1141/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-24.710, test=-2757.314)
total time= 39.0s
[CV 5/5; 1146/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1146/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-438.420, test=-2918.162)
total time= 15.6s
[CV 3/5; 1148/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1148/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-43.952, test=-3106.515)
total time= 39.0s
[CV 4/5; 1153/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1153/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-356.708, test=-2818.145)
total time= 15.5s
[CV 2/5; 1155/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1155/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-38.262, test=-2894.911)
total time= 38.9s
[CV 5/5; 1160/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 5/5; 1160/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-368.999, test=-2939.048)
total time= 15.3s

[CV 3/5; 1162/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 3/5; 1162/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-37.016, test=-3179.706)
total time= 38.6s

[CV 4/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 4/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-356.708, test=-2803.207)
total time= 15.5s

[CV 2/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 2/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-38.262, test=-2881.957)
total time= 38.3s

[CV 3/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 3/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-430.615, test=-3075.580)
total time= 15.4s

[CV 1/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 1/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-63.731, test=-2735.574)
total time= 38.3s

[CV 2/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-474.907, test=-2751.706)
total time= 15.2s

[CV 5/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 5/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-337.565, test=-2931.224)
total time= 18.9s

[CV 3/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 3/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1974.911, test=-2795.222)
total time= 1.5s

[CV 1/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 1/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1462.368, test=-2598.773)
total time= 3.8s

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[CV 4/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1482.659, test=-2677.310)
total time= 3.8s
[CV 2/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-971.010, test=-2660.527)
total time= 7.8s
[CV 5/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-897.248, test=-2807.241)
total time= 7.6s
[CV 1/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-371.687, test=-2794.988)
total time= 19.1s
[CV 4/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-86.525, test=-2888.906)
total time= 38.3s
[CV 2/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-342.627, test=-2827.961)
total time= 19.4s
[CV 5/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-78.679, test=-2962.291)
total time= 38.0s
[CV 3/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-349.236, test=-3050.483)
total time= 19.3s
[CV 1/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2266.223, test=-2416.815)
total time= 0.8s
[CV 2/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10;; score=(train=-2292.489, test=-2388.462)
total time= 0.8s
[CV 4/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2259.068, test=-2506.994)
total time= 0.8s
[CV 1/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2002.196, test=-2459.287)
total time= 1.5s
[CV 4/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2072.324, test=-2549.274)
total time= 1.6s
[CV 2/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1563.595, test=-2613.049)
total time= 3.9s
[CV 4/5; 1170/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2237.676, test=-2563.263)
total time= 0.8s
[CV 1/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2024.385, test=-2466.347)
total time= 1.5s
[CV 3/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1962.821, test=-2807.811)
total time= 1.5s
[CV 5/5; 1171/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1171/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1944.794, test=-2710.484)
total time= 1.6s
[CV 3/5; 1172/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1172/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1456.562, test=-2961.541)
total time= 3.8s
[CV 1/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100;; score=(train=-962.901, test=-2616.051)
total time= 7.6s
[CV 4/5; 1173/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1173/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-953.566, test=-2811.002)
total time= 7.7s
[CV 5/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-430.777, test=-2874.017)
total time= 15.3s
[CV 3/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-67.585, test=-3120.859)
total time= 38.1s
[CV 4/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-488.305, test=-2837.948)
total time= 15.0s
[CV 2/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-75.386, test=-2784.976)
total time= 37.7s
[CV 2/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-463.724, test=-2813.572)
total time= 15.1s
[CV 5/5; 1189/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1189/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-337.565, test=-2934.604)
total time= 18.9s
[CV 3/5; 1192/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1974.857, test=-2786.964)
total time= 1.5s
[CV 1/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1479.920, test=-2536.540)
total time= 3.8s
[CV 4/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 4/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1505.724, test=-2690.439)
total time= 3.8s
[CV 2/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-971.010, test=-2662.979)
total time= 7.6s
[CV 5/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-916.911, test=-2908.708)
total time= 7.7s
[CV 1/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-371.687, test=-2790.648)
total time= 19.0s
[CV 4/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-100.518, test=-2901.635)
total time= 37.9s
[CV 2/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-338.338, test=-2766.975)
total time= 19.0s
[CV 5/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-78.679, test=-2966.285)
total time= 37.8s
[CV 3/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-433.261, test=-3145.281)
total time= 18.8s
[CV 1/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2266.223, test=-2417.169)
total time= 0.8s
[CV 2/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2292.474, test=-2388.469)

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total time= 0.7s
[CV 3/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2180.978, test=-2775.703)
total time= 0.7s
[CV 4/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2259.068, test=-2503.756)
total time= 0.8s
[CV 5/5; 1212/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1212/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2216.243, test=-2704.153)
total time= 0.8s
[CV 2/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1164/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1879.077, test=-2754.977)
total time= 1.5s
[CV 3/5; 1165/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1165/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1381.568, test=-2920.094)
total time= 3.8s
[CV 1/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-843.926, test=-2635.030)
total time= 7.7s
[CV 4/5; 1166/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1166/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-832.572, test=-2743.525)
total time= 7.7s
[CV 5/5; 1167/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1167/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-366.282, test=-2956.443)
total time= 15.5s
[CV 3/5; 1169/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1169/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-37.016, test=-3159.902)
total time= 38.5s
[CV 4/5; 1174/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

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[CV 4/5; 1174/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-477.170, test=-2817.306)
total time= 15.4s

[CV 2/5; 1176/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 2/5; 1176/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-66.534, test=-2743.803)
total time= 38.3s

[CV 3/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 3/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-479.412, test=-3090.842)
total time= 15.4s

[CV 1/5; 1183/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 1183/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-90.812, test=-2764.094)
total time= 38.3s

[CV 3/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 3/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-476.416, test=-3033.030)
total time= 15.4s

[CV 1/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 1/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-82.738, test=-2819.379)
total time= 38.4s

[CV 2/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-474.907, test=-2744.114)
total time= 15.3s

[CV 5/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-366.521, test=-2950.313)
total time= 19.1s

[CV 3/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 3/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1997.305, test=-2820.569)
total time= 1.5s

[CV 1/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 1/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1479.920, test=-2532.942)
total time= 3.8s

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[CV 4/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1482.659, test=-2680.824)
total time= 3.8s
[CV 2/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-949.682, test=-2718.706)
total time= 7.6s
[CV 5/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-916.911, test=-2902.529)
total time= 7.6s
[CV 1/5; 1203/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1203/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-371.687, test=-2788.695)
total time= 19.2s
[CV 4/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-86.525, test=-2868.914)
total time= 38.5s
[CV 2/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-427.731, test=-2863.770)
total time= 19.0s
[CV 5/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-123.845, test=-2983.785)
total time= 37.7s
[CV 3/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-433.261, test=-3148.107)
total time= 19.2s
[CV 1/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2266.198, test=-2417.289)
total time= 0.8s
[CV 3/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10;; score=(train=-2180.978, test=-2775.923)
total time= 0.7s
[CV 5/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2216.242, test=-2709.246)
total time= 0.8s
[CV 2/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2045.047, test=-2487.453)
total time= 1.5s
[CV 5/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1444.485, test=-2587.266)
total time= 3.8s
[CV 5/5; 1179/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1179/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1437.924, test=-2803.780)
total time= 3.9s
[CV 3/5; 1180/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1180/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-969.390, test=-2942.427)
total time= 7.6s
[CV 1/5; 1181/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1181/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-501.642, test=-2738.647)
total time= 15.2s
[CV 3/5; 1182/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1182/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-357.893, test=-3086.476)
total time= 18.9s
[CV 1/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2273.783, test=-2448.531)
total time= 0.8s
[CV 3/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2228.011, test=-2748.116)

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total time= 0.8s
[CV 5/5; 1184/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1184/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2167.581, test=-2683.387)
total time= 0.8s
[CV 2/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2008.627, test=-2423.397)
total time= 1.5s
[CV 5/5; 1185/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1185/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1920.855, test=-2739.900)
total time= 1.5s
[CV 3/5; 1186/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1186/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1461.341, test=-2924.857)
total time= 3.8s
[CV 1/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-959.045, test=-2653.796)
total time= 7.7s
[CV 4/5; 1187/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1187/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-981.455, test=-2771.767)
total time= 7.5s
[CV 5/5; 1188/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1188/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-477.666, test=-2915.747)
total time= 15.2s
[CV 3/5; 1190/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1190/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-87.775, test=-3093.381)
total time= 38.2s
[CV 4/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-488.305, test=-2835.697)
total time= 15.4s
[CV 2/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

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[CV 2/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-75.386, test=-2802.981)
total time= 38.2s

[CV 3/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 3/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-479.412, test=-3088.569)
total time= 15.4s

[CV 1/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-90.812, test=-2768.056)
total time= 38.3s

[CV 3/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-573.044, test=-3129.373)
total time= 15.2s

[CV 1/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-119.465, test=-2806.734)
total time= 37.7s

[CV 2/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-581.758, test=-2843.201)
total time= 15.1s

[CV 5/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 5/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-444.811, test=-2936.850)
total time= 19.0s

[CV 3/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 3/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1944.148, test=-2819.947)
total time= 1.5s

[CV 1/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 1/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1516.567, test=-2559.374)
total time= 3.8s

[CV 4/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 4/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1563.161, test=-2630.979)
total time= 3.8s


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[CV 2/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1049.485, test=-2756.798)
total time= 7.6s
[CV 5/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-997.926, test=-2860.329)
total time= 7.5s
[CV 4/5; 1192/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1995.860, test=-2592.408)
total time= 1.6s
[CV 2/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1444.485, test=-2583.411)
total time= 3.8s
[CV 5/5; 1193/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1193/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1421.386, test=-2735.800)
total time= 3.8s
[CV 3/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-969.390, test=-2947.745)
total time= 7.7s
[CV 1/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-497.592, test=-2748.134)
total time= 15.3s
[CV 4/5; 1196/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1196/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-357.780, test=-2854.613)
total time= 19.1s
[CV 3/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2228.007, test=-2748.114)
total time= 0.8s
[CV 5/5; 1198/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1198/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2167.580, test=-2683.939)
total time= 0.8s

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[CV 2/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2008.627, test=-2422.856)
total time= 1.5s
[CV 5/5; 1199/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1199/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1940.308, test=-2738.790)
total time= 1.5s
[CV 3/5; 1200/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1200/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1486.607, test=-2861.586)
total time= 3.9s
[CV 1/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-959.045, test=-2656.250)
total time= 7.7s
[CV 4/5; 1201/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1201/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-981.455, test=-2775.729)
total time= 7.6s
[CV 5/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-477.666, test=-2920.355)
total time= 15.4s
[CV 3/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-80.135, test=-3145.167)
total time= 38.1s
[CV 4/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-550.444, test=-2824.532)
total time= 15.0s
[CV 2/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-117.873, test=-2933.026)
total time= 37.5s
[CV 3/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200;; score=(train=-573.044, test=-3127.504)
total time= 15.2s
[CV 1/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-123.579, test=-2768.124)
total time= 37.7s
[CV 2/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-581.758, test=-2839.051)
total time= 15.2s
[CV 5/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-414.960, test=-2951.250)
total time= 18.5s
[CV 4/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2072.324, test=-2553.028)
total time= 1.6s
[CV 3/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1430.552, test=-2947.006)
total time= 3.8s
[CV 1/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1072.023, test=-2631.617)
total time= 7.6s
[CV 4/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1066.120, test=-2748.262)
total time= 7.6s
[CV 3/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-573.044, test=-3123.819)
total time= 15.3s
[CV 2/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-109.741, test=-2937.035)
total time= 38.0s
[CV 4/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100
[CV 4/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-60.455, test=-2788.832)
total time= 11.4s
[CV 2/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2180.978, test=-2775.487)
total time= 0.8s
[CV 5/5; 1205/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1205/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2216.243, test=-2706.119)
total time= 0.8s
[CV 2/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2045.047, test=-2486.007)
total time= 1.5s
[CV 5/5; 1206/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1206/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1958.800, test=-2740.244)
total time= 1.5s
[CV 3/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1430.552, test=-2947.493)
total time= 3.8s
[CV 5/5; 1207/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1516.070, test=-2819.472)
total time= 3.8s
[CV 3/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1023.379, test=-3032.940)
total time= 7.6s
[CV 1/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-532.276, test=-2749.047)
total time= 15.1s
[CV 4/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

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[CV 4/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-416.431, test=-2846.279)
total time= 18.9s

[CV 1/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 1/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2002.196, test=-2457.678)
total time= 1.5s

[CV 3/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 3/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1944.148, test=-2822.049)
total time= 1.5s

[CV 1/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 1/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1516.567, test=-2560.712)
total time= 3.8s

[CV 4/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 4/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1563.161, test=-2637.615)
total time= 3.8s

[CV 2/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 2/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1049.485, test=-2753.947)
total time= 7.6s

[CV 5/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 5/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-995.134, test=-2870.095)
total time= 7.5s

[CV 1/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 1/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-415.880, test=-2771.235)
total time= 18.9s

[CV 4/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 4/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-122.496, test=-2887.371)
total time= 37.8s

[CV 2/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 2/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-427.731, test=-2881.138)
total time= 18.9s

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[CV 5/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-110.813, test=-3003.147)
total time= 37.8s
[CV 3/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-433.261, test=-3140.155)
total time= 19.3s
[CV 1/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1654.301, test=-2537.718)
total time= 1.1s
[CV 3/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1722.681, test=-2789.654)
total time= 1.1s
[CV 5/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1644.592, test=-2775.433)
total time= 1.1s
[CV 2/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1084.581, test=-2593.519)
total time= 2.3s
[CV 5/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1110.998, test=-2856.493)
total time= 2.6s
[CV 3/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-308.579, test=-2960.615)
total time= 5.7s
[CV 1/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-47.290, test=-2676.446)
total time= 11.5s
[CV 2/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-2.733, test=-2710.706)
total time= 23.3s
[CV 4/5; 1207/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1563.161, test=-2634.159)
total time= 3.8s
[CV 2/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1049.485, test=-2755.795)
total time= 7.5s
[CV 5/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-995.134, test=-2877.661)
total time= 7.5s
[CV 1/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-415.880, test=-2772.124)
total time= 18.8s
[CV 4/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-122.496, test=-2881.708)
total time= 37.8s
[CV 2/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-442.703, test=-2908.660)
total time= 18.8s
[CV 5/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-113.975, test=-2995.156)
total time= 37.6s
[CV 3/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-433.261, test=-3146.222)
total time= 19.1s
[CV 1/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2266.198, test=-2417.876)
total time= 0.8s
[CV 2/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10;; score=(train=-2292.489, test=-2382.035)
total time= 0.7s
[CV 3/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2180.978, test=-2775.487)
total time= 0.7s
[CV 5/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2216.247, test=-2704.216)
total time= 0.8s
[CV 2/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2045.047, test=-2482.135)
total time= 1.5s
[CV 5/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1958.800, test=-2736.881)
total time= 1.5s
[CV 2/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1563.595, test=-2628.534)
total time= 3.8s
[CV 5/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1516.070, test=-2825.819)
total time= 3.8s
[CV 3/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1023.379, test=-3038.100)
total time= 7.6s
[CV 1/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-532.276, test=-2740.545)
total time= 15.0s
[CV 4/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-416.431, test=-2847.619)
total time= 18.8s
[CV 2/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10
[CV 2/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1623.653, test=-2548.084)
total time= 1.1s
[CV 4/5; 1233/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1233/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1784.854, test=-2651.650)
total time= 1.2s
[CV 1/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1095.161, test=-2582.731)
total time= 2.3s
[CV 4/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1226.811, test=-2717.142)
total time= 2.5s
[CV 2/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-384.529, test=-2673.692)
total time= 5.8s
[CV 5/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-296.262, test=-2912.667)
total time= 5.7s
[CV 3/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-44.968, test=-2961.597)
total time= 11.4s
[CV 4/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.925, test=-2850.799)
total time= 23.2s
[CV 3/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2970.578)
total time= 57.6s
[CV 4/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2045.040, test=-2491.317)

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total time= 1.5s
[CV 4/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2072.324, test=-2552.601)
total time= 1.5s
[CV 2/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1563.607, test=-2631.805)
total time= 3.8s
[CV 5/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1516.055, test=-2821.375)
total time= 3.8s
[CV 3/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1023.379, test=-3033.376)
total time= 7.5s
[CV 1/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-572.028, test=-2698.206)
total time= 15.0s
[CV 4/5; 1217/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1217/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-416.431, test=-2847.119)
total time= 18.7s
[CV 2/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2292.474, test=-2380.255)
total time= 0.7s
[CV 4/5; 1219/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1219/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2259.068, test=-2506.994)
total time= 0.8s
[CV 1/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2002.196, test=-2456.428)
total time= 1.5s
[CV 4/5; 1220/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

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[CV 4/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2072.324, test=-2557.348)
total time= 1.5s
[CV 2/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1563.595, test=-2621.165)
total time= 3.8s
[CV 5/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1516.055, test=-2821.664)
total time= 3.8s
[CV 3/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1023.379, test=-3040.442)
total time= 7.6s
[CV 1/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-572.028, test=-2702.130)
total time= 15.1s
[CV 4/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-416.431, test=-2843.448)
total time= 18.8s
[CV 4/5; 1226/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1226/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2259.068, test=-2506.994)
total time= 0.8s
[CV 1/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2002.196, test=-2458.647)
total time= 1.5s
[CV 3/5; 1227/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1227/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1944.148, test=-2820.212)
total time= 1.5s
[CV 1/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1558.535, test=-2520.650)
total time= 3.8s

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[CV 4/5; 1228/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1228/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1563.161, test=-2632.513)
total time= 3.8s
[CV 2/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1107.558, test=-2733.347)
total time= 7.6s
[CV 5/5; 1229/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1229/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1002.536, test=-2854.017)
total time= 7.6s
[CV 1/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-415.880, test=-2765.319)
total time= 18.9s
[CV 4/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-122.496, test=-2888.481)
total time= 37.9s
[CV 5/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2.239, test=-2927.120)
total time= 23.0s
[CV 2/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2713.180)
total time= 57.8s
[CV 5/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.980, test=-2993.652)
total time= 23.1s
[CV 3/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1220/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1958.791, test=-2740.801)
total time= 1.5s
[CV 3/5; 1221/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1221/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50;; score=(train=-1430.552, test=-2945.080)
total time= 3.8s
[CV 1/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1018.655, test=-2659.891)
total time= 7.6s
[CV 4/5; 1222/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1222/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1066.120, test=-2750.211)
total time= 7.5s
[CV 4/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-550.444, test=-2825.194)
total time= 15.0s
[CV 2/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-109.741, test=-2937.050)
total time= 38.0s
[CV 5/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-545.114, test=-2946.117)
total time= 15.1s
[CV 3/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-131.439, test=-3180.249)
total time= 38.6s
[CV 1/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.370, test=-2697.005)
total time= 23.0s
[CV 4/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.654, test=-2882.338)
total time= 29.0s
[CV 4/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1144.399, test=-2773.639)
total time= 2.3s
[CV 2/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50
[CV 2/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-391.364, test=-2618.246)
total time= 5.7s
[CV 5/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-409.984, test=-2991.242)
total time= 5.8s
[CV 3/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-61.357, test=-3031.927)
total time= 11.4s
[CV 1/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.329, test=-2733.791)
total time= 22.9s
[CV 4/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.574, test=-2854.824)
total time= 28.9s
[CV 4/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1832.587, test=-2626.765)
total time= 1.1s
[CV 1/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1380.042, test=-2553.741)
total time= 2.3s
[CV 3/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1329.790, test=-2948.415)
total time= 2.3s
[CV 5/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1284.310, test=-2848.174)
total time= 2.3s
[CV 3/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-579.801, test=-3001.273)

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total time= 5.8s
[CV 1/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-155.781, test=-2692.344)
total time= 11.5s
[CV 4/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-162.160, test=-2749.826)
total time= 11.6s
[CV 3/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-11.741, test=-3030.747)
total time= 23.0s
[CV 5/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2.081, test=-2965.282)
total time= 28.5s
[CV 4/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1454.901, test=-2619.741)
total time= 2.3s
[CV 2/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-772.026, test=-2651.844)
total time= 5.8s
[CV 1/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-249.223, test=-2730.486)
total time= 11.5s
[CV 4/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-993.994, test=-2630.284)
total time= 7.7s
[CV 4/5; 1194/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1194/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-981.455, test=-2777.487)
total time= 7.6s
[CV 5/5; 1195/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

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[CV 5/5; 1195/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-477.666, test=-2911.798)
total time= 15.3s

[CV 3/5; 1197/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 1197/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-87.775, test=-3101.268)
total time= 38.2s

[CV 4/5; 1202/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 1202/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-488.305, test=-2840.610)
total time= 15.1s

[CV 2/5; 1204/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 1204/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-75.386, test=-2794.535)
total time= 37.8s

[CV 2/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 2/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-581.758, test=-2843.973)
total time= 15.2s

[CV 5/5; 1210/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 5/5; 1210/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-444.811, test=-2943.484)
total time= 18.9s

[CV 5/5; 1213/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 5/5; 1213/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1958.791, test=-2739.128)
total time= 1.5s

[CV 3/5; 1214/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 3/5; 1214/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1430.552, test=-2947.462)
total time= 3.8s

[CV 1/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 1/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1018.655, test=-2654.824)
total time= 7.5s

[CV 4/5; 1215/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 4/5; 1215/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1066.120, test=-2746.393)
total time= 7.7s


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[CV 4/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-550.444, test=-2830.150)
total time= 15.2s
[CV 2/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-117.873, test=-2922.002)
total time= 38.1s
[CV 3/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-573.044, test=-3123.473)
total time= 15.1s
[CV 1/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-119.465, test=-2808.088)
total time= 37.8s
[CV 2/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-581.758, test=-2837.870)
total time= 15.1s
[CV 5/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-436.732, test=-2936.806)
total time= 19.1s
[CV 3/5; 1234/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1234/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-975.727, test=-2921.485)
total time= 2.1s
[CV 1/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-319.797, test=-2701.277)
total time= 5.7s
[CV 4/5; 1235/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1235/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-340.868, test=-2786.153)
total time= 5.8s
[CV 2/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100;; score=(train=-58.485, test=-2683.747)
total time= 11.3s
[CV 3/5; 1237/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1237/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-1.715, test=-2974.586)
total time= 23.0s
[CV 1/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2686.527)
total time= 57.7s
[CV 3/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.049, test=-3063.506)
total time= 23.1s
[CV 1/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2753.606)
total time= 57.4s
[CV 2/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-15.714, test=-2656.456)
total time= 23.1s
[CV 1/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.014, test=-2689.349)
total time= 57.5s
[CV 2/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1018.655, test=-2656.936)
total time= 7.6s
[CV 4/5; 1208/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1208/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1066.120, test=-2749.816)
total time= 7.7s
[CV 5/5; 1209/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1209/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-583.605, test=-2920.737)

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total time= 15.3s
[CV 3/5; 1211/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1211/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-131.439, test=-3179.811)
total time= 38.4s
[CV 5/5; 1216/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1216/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-583.599, test=-2913.083)
total time= 15.3s
[CV 3/5; 1218/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1218/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-131.439, test=-3175.994)
total time= 37.9s
[CV 5/5; 1223/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1223/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-545.118, test=-2951.842)
total time= 15.0s
[CV 3/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-131.439, test=-3173.550)
total time= 37.8s
[CV 4/5; 1230/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1230/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-550.444, test=-2829.289)
total time= 15.0s
[CV 1/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-119.465, test=-2797.624)
total time= 38.2s
[CV 5/5; 1236/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1236/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-51.698, test=-2920.767)
total time= 11.6s
[CV 3/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.357, test=-2981.704)
total time= 29.1s
[CV 1/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

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[CV 1/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1741.252, test=-2512.927)
total time= 1.1s
[CV 2/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1668.788, test=-2472.299)
total time= 1.1s
[CV 3/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1669.010, test=-2807.764)
total time= 1.1s
[CV 4/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1829.637, test=-2663.376)
total time= 1.2s
[CV 5/5; 1240/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1240/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1644.350, test=-2865.278)
total time= 1.2s
[CV 1/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1164.521, test=-2590.124)
total time= 2.3s
[CV 2/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1174.097, test=-2615.467)
total time= 2.3s
[CV 3/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1089.738, test=-2944.433)
total time= 2.3s
[CV 1/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-363.139, test=-2727.109)
total time= 5.7s
[CV 4/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-363.983, test=-2788.220)
total time= 5.7s

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[CV 2/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100

[CV 2/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-68.596, test=-2705.106) total time= 11.6s

[CV 5/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100

[CV 5/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-75.083, test=-3004.579) total time= 11.7s

[CV 1/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250

[CV 1/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-0.671, test=-2709.539) total time= 29.2s

[CV 4/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500

[CV 4/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2895.902) total time= 57.6s

[CV 2/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250

[CV 2/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-4.808, test=-2664.938) total time= 29.0s

[CV 5/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500

[CV 5/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.007, test=-2975.757) total time= 57.5s

[CV 3/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250

[CV 2/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-0.471, test=-2700.488) total time= 29.0s

[CV 5/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=500

[CV 5/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2935.364) total time= 58.1s

[CV 3/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250

[CV 3/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-0.505, test=-3064.324) total time= 28.8s

[CV 1/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=10

[CV 1/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=10;; score=(train=-1790.357, test=-2491.097)
total time= 1.1s
[CV 2/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1820.967, test=-2478.265)
total time= 1.1s
[CV 3/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1762.155, test=-2829.103)
total time= 1.1s
[CV 5/5; 1247/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1247/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1861.558, test=-2809.265)
total time= 1.2s
[CV 2/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1319.727, test=-2534.157)
total time= 2.3s
[CV 4/5; 1248/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1248/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1298.013, test=-2678.142)
total time= 2.3s
[CV 1/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-587.864, test=-2653.105)
total time= 5.7s
[CV 4/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-532.135, test=-2736.517)
total time= 5.7s
[CV 2/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-150.736, test=-2689.160)
total time= 11.6s
[CV 5/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-125.149, test=-2957.533)
total time= 11.4s
[CV 1/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250
[CV 1/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-4.023, test=-2688.441)
total time= 28.7s
[CV 4/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.009, test=-2760.372)
total time= 57.3s
[CV 2/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-18.034, test=-2701.993)
total time= 29.1s
[CV 5/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.131, test=-2950.072)
total time= 57.3s
[CV 3/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-5.538, test=-3030.809)
total time= 28.1s
[CV 1/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1840.601, test=-2570.627)
total time= 1.1s
[CV 2/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1909.246, test=-2415.081)
total time= 1.1s
[CV 3/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1732.505, test=-2785.560)
total time= 1.1s
[CV 5/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1839.917, test=-2778.956)
total time= 1.1s
[CV 2/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1371.468, test=-2533.514)

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total time= 2.3s
[CV 4/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1266.369, test=-2632.837)
total time= 2.2s
[CV 2/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-640.687, test=-2678.548)
total time= 5.6s
[CV 5/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-528.123, test=-2926.243)
total time= 5.6s
[CV 3/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-169.716, test=-3020.611)
total time= 11.3s
[CV 1/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-22.172, test=-2790.214)
total time= 22.6s
[CV 3/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-5.618, test=-3032.065)
total time= 28.0s
[CV 5/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.199, test=-2927.124)
total time= 28.7s
[CV 5/5; 1241/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1241/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1178.545, test=-2934.384)
total time= 2.3s
[CV 3/5; 1242/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1242/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-363.710, test=-3030.562)
total time= 5.8s
[CV 1/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

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[CV 1/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-82.039, test=-2708.959)
total time= 11.7s

[CV 4/5; 1243/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 4/5; 1243/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-70.731, test=-2880.798)
total time= 11.7s

[CV 2/5; 1244/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 2/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-3.043, test=-2706.786)
total time= 23.4s

[CV 5/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 5/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.628, test=-2990.929)
total time= 28.9s

[CV 2/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 2/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-550.610, test=-2579.256)
total time= 5.7s

[CV 5/5; 1249/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 5/5; 1249/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-524.906, test=-2951.709)
total time= 5.8s

[CV 3/5; 1250/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 3/5; 1250/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-143.817, test=-3027.777)
total time= 11.6s

[CV 1/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 1/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-13.819, test=-2681.737)
total time= 23.1s

[CV 3/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 3/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-3.356, test=-3045.742)
total time= 28.7s

[CV 1/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 1/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1894.007, test=-2512.429)
total time= 1.2s

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[CV 2/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1904.291, test=-2468.859)
total time= 1.1s
[CV 4/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1979.543, test=-2556.843)
total time= 1.2s
[CV 1/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1540.054, test=-2572.786)
total time= 2.3s
[CV 3/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1371.862, test=-2852.869)
total time= 2.3s
[CV 1/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-746.826, test=-2683.481)
total time= 5.8s
[CV 4/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-708.441, test=-2691.152)
total time= 5.8s
[CV 2/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-296.768, test=-2667.111)
total time= 11.7s
[CV 5/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-226.335, test=-2933.591)
total time= 11.5s
[CV 1/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-13.536, test=-2755.014)
total time= 28.9s
[CV 4/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=500;; score=(train=-0.111, test=-2777.348)
total time= 58.1s
[CV 2/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-6.285, test=-2750.413)
total time= 28.3s
[CV 5/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.026, test=-2950.816)
total time= 56.6s
[CV 4/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-7.513, test=-2743.140)
total time= 28.4s
[CV 3/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1732.505, test=-2787.769)
total time= 1.1s
[CV 5/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1839.917, test=-2766.493)
total time= 1.2s
[CV 2/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1224/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1224/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-448.642, test=-2714.530)
total time= 18.9s
[CV 4/5; 1225/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1225/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-122.496, test=-2886.817)
total time= 38.0s
[CV 2/5; 1231/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1231/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-424.351, test=-2905.044)
total time= 19.0s
[CV 5/5; 1232/2352] START learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1232/2352] END learning_rate=0.25, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-124.113, test=-2975.360)

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total time= 38.0s
[CV 1/5; 1238/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1238/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.472, test=-2731.941)
total time= 29.0s
[CV 4/5; 1239/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1239/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2773.666)
total time= 57.6s
[CV 2/5; 1245/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1245/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.490, test=-2724.656)
total time= 29.2s
[CV 5/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3006.848)
total time= 57.9s
[CV 4/5; 1252/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1252/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-4.320, test=-2753.389)
total time= 29.1s
[CV 3/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1846.283, test=-2768.339)
total time= 1.1s
[CV 5/5; 1254/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1254/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1890.806, test=-2786.354)
total time= 1.2s
[CV 2/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1491.976, test=-2526.810)
total time= 2.3s
[CV 5/5; 1255/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1255/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1284.287, test=-2847.557)
total time= 2.3s
[CV 3/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

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[CV 3/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-543.003, test=-2993.792)
total time= 5.6s

[CV 5/5; 1256/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 5/5; 1256/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-654.207, test=-2913.550)
total time= 5.8s

[CV 3/5; 1257/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 3/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-179.918, test=-3047.545)
total time= 11.5s

[CV 1/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 1/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-33.173, test=-2737.264)
total time= 23.2s

[CV 4/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-12.156, test=-2763.583)
total time= 29.1s

[CV 1/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 1/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1366.502, test=-2651.164)
total time= 2.3s

[CV 3/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 3/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1250.717, test=-2882.826)
total time= 2.2s

[CV 1/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 1/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-629.622, test=-2752.127)
total time= 5.7s

[CV 4/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 4/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-586.632, test=-2708.286)
total time= 5.7s

[CV 2/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 2/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-168.909, test=-2739.980)
total time= 11.4s

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[CV 5/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-177.432, test=-2943.476)
total time= 11.4s
[CV 1/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-7.665, test=-2722.853)
total time= 28.6s
[CV 4/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.050, test=-2759.663)
total time= 56.5s
[CV 2/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-6.697, test=-2760.870)
total time= 28.0s
[CV 5/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.026, test=-2950.669)
total time= 56.0s
[CV 3/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-9.009, test=-3072.990)
total time= 29.1s
[CV 1/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1840.567, test=-2572.785)
total time= 1.1s
[CV 2/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1909.219, test=-2426.616)
total time= 1.1s
[CV 3/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1732.505, test=-2782.063)
total time= 1.1s
[CV 4/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10;; score=(train=-1787.330, test=-2597.883)
total time= 1.1s
[CV 5/5; 1261/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1261/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1839.918, test=-2763.068)
total time= 1.1s
[CV 2/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1371.468, test=-2528.221)
total time= 2.2s
[CV 4/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1282.863, test=-2638.722)
total time= 2.2s
[CV 2/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-577.400, test=-2672.326)
total time= 5.6s
[CV 5/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-528.124, test=-2914.764)
total time= 5.5s
[CV 3/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-172.373, test=-3010.986)
total time= 11.2s
[CV 1/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-22.276, test=-2770.526)
total time= 22.5s
[CV 4/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-7.513, test=-2749.500)
total time= 28.2s
[CV 4/5; 1268/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1268/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1787.344, test=-2595.080)
total time= 1.1s
[CV 1/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20
[CV 1/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1253.799, test=-2670.206)
total time= 2.2s
[CV 3/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1250.717, test=-2892.458)
total time= 2.2s
[CV 1/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-635.477, test=-2756.412)
total time= 5.7s
[CV 4/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-586.632, test=-2698.233)
total time= 5.6s
[CV 2/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-217.920, test=-2740.592)
total time= 11.4s
[CV 5/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-177.432, test=-2943.290)
total time= 11.4s
[CV 1/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-9.936, test=-2776.229)
total time= 28.4s
[CV 4/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.043, test=-2748.891)
total time= 56.3s
[CV 2/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-6.285, test=-2752.381)
total time= 28.6s
[CV 5/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.022, test=-2953.925)

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total time= 56.6s
[CV 3/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-13.353, test=-3063.499)
total time= 28.0s
[CV 1/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1928.825, test=-2520.269)
total time= 1.1s
[CV 2/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1958.754, test=-2471.096)
total time= 1.1s
[CV 3/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1876.878, test=-2831.702)
total time= 1.1s
[CV 5/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1906.073, test=-2696.828)
total time= 1.1s
[CV 4/5; 1244/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.552, test=-2811.770)
total time= 23.1s
[CV 2/5; 1246/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2715.545)
total time= 57.3s
[CV 4/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-15.553, test=-2762.757)
total time= 23.0s
[CV 2/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.018, test=-2641.802)
total time= 57.3s
[CV 3/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-22.974, test=-3053.033)

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total time= 22.9s
[CV 1/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.136, test=-2747.306)
total time= 57.4s
[CV 2/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-19.537, test=-2755.415)
total time= 22.4s
[CV 5/5; 1266/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1266/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-7.439, test=-2952.314)
total time= 28.1s
[CV 5/5; 1269/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1269/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1360.168, test=-2812.906)
total time= 2.2s
[CV 3/5; 1270/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1270/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-577.241, test=-2977.917)
total time= 5.6s
[CV 1/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-212.027, test=-2766.836)
total time= 11.3s
[CV 4/5; 1271/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1271/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-190.984, test=-2758.927)
total time= 11.2s
[CV 5/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-19.885, test=-2948.585)
total time= 22.5s
[CV 2/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.058, test=-2739.841)
total time= 56.3s
[CV 3/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

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[CV 3/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-25.421, test=-3031.980)
total time= 22.5s

[CV 1/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 1/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.083, test=-2773.202)
total time= 57.0s

[CV 2/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 2/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-46.221, test=-2771.635)
total time= 22.6s

[CV 5/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 5/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-19.867, test=-2954.942)
total time= 28.1s

[CV 5/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 5/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1388.238, test=-2760.724)
total time= 2.2s

[CV 3/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 3/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-816.807, test=-2971.846)
total time= 5.5s

[CV 1/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 1/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-333.801, test=-2719.520)
total time= 11.1s

[CV 4/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 4/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-389.708, test=-2811.221)
total time= 11.2s

[CV 4/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 4/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-78.938, test=-2868.657)
total time= 22.0s

[CV 1/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.713, test=-2765.428)
total time= 54.9s

[CV 2/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 2/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-57.173, test=-2777.552)
total time= 21.9s
[CV 5/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 5/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-31.137, test=-2902.256)
total time= 27.8s
[CV 3/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 3/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-1449.734, test=-2875.945)
total time= 2.2s
[CV 1/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 1/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-738.305, test=-2675.324)
total time= 5.5s
[CV 4/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 4/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-857.142, test=-2777.925)
total time= 5.6s
[CV 2/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-42.416, test=-2697.757)
total time= 23.3s
[CV 5/5; 1259/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 5/5; 1259/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-12.550, test=-2944.637)
total time= 28.9s
[CV 5/5; 1262/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 5/5; 1262/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20;; score=(train=-1409.411, test=-2810.338)
total time= 2.3s
[CV 3/5; 1263/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50
[CV 3/5; 1263/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-577.241, test=-2975.822)
total time= 5.6s
[CV 1/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 1/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-195.211, test=-2749.725)
total time= 11.2s

[CV 4/5; 1264/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 4/5; 1264/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-194.284, test=-2728.729)
total time= 11.2s
[CV 4/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 4/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-22.605, test=-2733.633)
total time= 22.5s
[CV 2/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 2/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-0.050, test=-2734.564)
total time= 56.0s
[CV 2/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 2/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-16.887, test=-2757.787)
total time= 22.5s
[CV 5/5; 1273/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 5/5; 1273/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-7.439, test=-2957.743)
total time= 28.3s
[CV 3/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20
[CV 3/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=20;; score=(train=-1242.056, test=-2854.460)
total time= 2.2s
[CV 1/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 1/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-629.622, test=-2755.122)
total time= 5.6s
[CV 4/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50
[CV 4/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=50;; score=(train=-586.632, test=-2700.253)
total time= 5.6s
[CV 2/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 2/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100;; score=(train=-204.897, test=-2738.982)
total time= 11.4s
[CV 5/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=100
[CV 5/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-198.451, test=-2918.620)
total time= 11.3s
[CV 1/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-8.622, test=-2802.466)
total time= 28.2s
[CV 4/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.030, test=-2815.489)
total time= 56.4s
[CV 2/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-21.017, test=-2758.912)
total time= 28.5s
[CV 5/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.181, test=-2894.593)
total time= 56.5s
[CV 4/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-38.603, test=-2827.720)
total time= 28.2s
[CV 3/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1876.878, test=-2831.579)
total time= 1.0s
[CV 5/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1906.062, test=-2696.545)
total time= 1.1s
[CV 2/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1581.099, test=-2555.413)
total time= 2.3s
[CV 5/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1390.855, test=-2775.956)
total time= 2.2s
[CV 3/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 3/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-828.952, test=-2986.881)
total time= 5.6s
[CV 1/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-323.895, test=-2686.444)
total time= 11.2s
[CV 4/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-383.103, test=-2835.351)
total time= 11.4s
[CV 5/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-72.230, test=-2903.816)
total time= 22.6s
[CV 3/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.531, test=-3098.044)
total time= 55.7s
[CV 2/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1581.099, test=-2550.557)
total time= 2.2s
[CV 4/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1550.450, test=-2671.919)
total time= 2.2s
[CV 2/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-858.476, test=-2669.412)
total time= 5.6s
[CV 5/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-757.820, test=-2833.268)
total time= 5.5s
[CV 3/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-369.350, test=-3134.255)

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total time= 11.2s
[CV 1/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-58.373, test=-2737.198)
total time= 21.7s
[CV 3/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-25.659, test=-3099.668)
total time= 27.5s
[CV 1/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1928.780, test=-2517.687)
total time= 1.1s
[CV 2/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1958.754, test=-2464.283)
total time= 1.1s
[CV 4/5; 1296/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1296/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1909.923, test=-2630.804)
total time= 1.1s
[CV 1/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1461.529, test=-2558.002)
total time= 2.2s
[CV 4/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1550.450, test=-2675.165)
total time= 2.2s
[CV 2/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-858.476, test=-2670.070)
total time= 5.6s
[CV 5/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-757.820, test=-2838.036)
total time= 5.5s
[CV 3/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

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[CV 3/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-304.998, test=-3088.830)
total time= 11.0s
[CV 1/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-75.504, test=-2720.689)
total time= 22.2s
[CV 4/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-34.957, test=-2868.407)
total time= 27.9s
[CV 2/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1958.754, test=-2476.218)
total time= 1.1s
[CV 4/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1910.059, test=-2628.627)
total time= 1.1s
[CV 1/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1511.195, test=-2575.641)
total time= 2.2s
[CV 4/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1550.450, test=-2673.136)
total time= 2.2s
[CV 2/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-858.476, test=-2666.577)
total time= 5.6s
[CV 5/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-757.820, test=-2840.332)
total time= 5.5s
[CV 3/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-298.889, test=-3056.319)
total time= 11.0s

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[CV 1/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-58.373, test=-2729.318)
total time= 22.0s
[CV 4/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-34.957, test=-2869.043)
total time= 28.0s
[CV 4/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1910.059, test=-2631.709)
total time= 1.1s
[CV 1/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1390.075, test=-2579.793)
total time= 2.1s
[CV 4/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-5.879, test=-3043.174)
total time= 28.0s
[CV 1/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1928.957, test=-2509.504)
total time= 1.1s
[CV 2/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1984.327, test=-2433.033)
total time= 1.1s
[CV 3/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1771.013, test=-2829.972)
total time= 1.1s
[CV 4/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1942.414, test=-2586.032)
total time= 1.1s
[CV 1/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20;; score=(train=-1557.239, test=-2598.583)
total time= 2.3s
[CV 4/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1481.168, test=-2621.869)
total time= 2.3s
[CV 2/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-761.391, test=-2664.041)
total time= 5.7s
[CV 5/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-765.594, test=-2871.589)
total time= 5.7s
[CV 3/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-223.220, test=-3044.532)
total time= 11.4s
[CV 1/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-64.886, test=-2733.109)
total time= 22.9s
[CV 4/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-13.714, test=-2826.148)
total time= 27.9s
[CV 4/5; 1289/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1289/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1910.059, test=-2631.415)
total time= 1.1s
[CV 1/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1387.579, test=-2579.425)
total time= 2.2s
[CV 3/5; 1290/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1290/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1449.734, test=-2875.731)
total time= 2.2s
[CV 1/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50
[CV 1/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-738.305, test=-2673.511)
total time= 5.5s
[CV 4/5; 1291/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1291/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-825.716, test=-2763.223)
total time= 5.6s
[CV 2/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-337.276, test=-2766.082)
total time= 11.1s
[CV 5/5; 1292/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1292/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-326.096, test=-2913.853)
total time= 11.2s
[CV 1/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-33.183, test=-2769.935)
total time= 27.9s
[CV 4/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.859, test=-2873.631)
total time= 55.5s
[CV 2/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-24.461, test=-2789.468)
total time= 27.6s
[CV 5/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.971, test=-2942.252)
total time= 56.2s
[CV 3/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-29.805, test=-3129.218)
total time= 27.8s
[CV 1/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1931.314, test=-2521.103)

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total time= 1.2s
[CV 2/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1958.754, test=-2475.431)
total time= 1.3s
[CV 3/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1876.856, test=-2832.666)
total time= 1.1s
[CV 5/5; 1310/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1310/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1906.072, test=-2696.742)
total time= 1.1s
[CV 2/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1581.099, test=-2549.209)
total time= 2.2s
[CV 4/5; 1257/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-254.385, test=-2746.903)
total time= 11.6s
[CV 5/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-31.980, test=-2953.473)
total time= 23.6s
[CV 3/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.084, test=-3056.638)
total time= 57.8s
[CV 5/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-17.619, test=-2886.222)
total time= 22.7s
[CV 3/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.031, test=-3031.470)
total time= 55.8s
[CV 4/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-22.605, test=-2747.933)

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total time= 22.6s
[CV 3/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.031, test=-3026.718)
total time= 55.8s
[CV 2/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-16.887, test=-2751.170)
total time= 22.2s
[CV 5/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-6.337, test=-2894.786)
total time= 28.1s
[CV 3/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1400.777, test=-2863.154)
total time= 2.2s
[CV 1/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-830.139, test=-2653.764)
total time= 5.8s
[CV 4/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-855.108, test=-2764.299)
total time= 5.7s
[CV 2/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-310.778, test=-2724.163)
total time= 11.3s
[CV 5/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-299.881, test=-2908.148)
total time= 11.4s
[CV 1/5; 1287/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1287/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-20.933, test=-2701.947)
total time= 28.6s
[CV 4/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

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[CV 4/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.305, test=-2791.867)
total time= 56.8s

[CV 2/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 2/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-24.461, test=-2808.492)
total time= 27.7s

[CV 5/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 5/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.650, test=-2944.555)
total time= 55.9s

[CV 3/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 3/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-29.805, test=-3127.525)
total time= 28.0s

[CV 1/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 1/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1928.780, test=-2518.721)
total time= 1.1s

[CV 3/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 3/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1853.222, test=-2820.697)
total time= 1.1s

[CV 5/5; 1303/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 5/5; 1303/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1906.062, test=-2696.452)
total time= 1.1s

[CV 2/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 2/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1581.099, test=-2567.170)
total time= 2.2s

[CV 5/5; 1304/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 5/5; 1304/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1390.855, test=-2774.771)
total time= 2.2s

[CV 3/5; 1305/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 3/5; 1305/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-841.681, test=-3059.276)
total time= 5.7s

[CV 1/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 1/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-316.819, test=-2733.621)
total time= 11.2s

[CV 4/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 4/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-383.103, test=-2838.106)
total time= 11.4s

[CV 5/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 5/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-67.485, test=-2941.178)
total time= 22.2s

[CV 3/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 3/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.776, test=-3175.536)
total time= 55.7s

[CV 3/5; 1246/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3061.719)
total time= 57.6s

[CV 5/5; 1251/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 5/5; 1251/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-8.284, test=-2972.698)
total time= 22.9s

[CV 3/5; 1253/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 3/5; 1253/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.009, test=-3051.499)
total time= 57.6s

[CV 4/5; 1258/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 4/5; 1258/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-34.976, test=-2773.659)
total time= 23.2s

[CV 2/5; 1260/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 2/5; 1260/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-0.095, test=-2767.549)
total time= 57.8s

[CV 3/5; 1265/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 3/5; 1265/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-16.112, test=-3029.475)
total time= 22.4s


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[CV 1/5; 1267/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1267/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.076, test=-2772.019)
total time= 56.9s
[CV 3/5; 1272/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1272/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-18.079, test=-3031.805)
total time= 22.7s
[CV 1/5; 1274/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1274/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.097, test=-2841.471)
total time= 57.5s
[CV 4/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-22.605, test=-2741.283)
total time= 22.8s
[CV 2/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.050, test=-2767.256)
total time= 56.8s
[CV 3/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-32.750, test=-3066.798)
total time= 22.5s
[CV 1/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.325, test=-2684.720)
total time= 56.3s
[CV 2/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-57.173, test=-2781.678)
total time= 22.1s
[CV 5/5; 1294/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1294/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-25.854, test=-2923.042)
total time= 27.5s
[CV 3/5; 1297/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1297/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20;; score=(train=-1449.734, test=-2875.701)
total time= 2.2s
[CV 1/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-811.270, test=-2643.057)
total time= 5.5s
[CV 4/5; 1298/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1298/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-857.142, test=-2776.406)
total time= 5.6s
[CV 2/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-337.276, test=-2760.890)
total time= 11.1s
[CV 5/5; 1299/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1299/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-317.530, test=-2882.661)
total time= 11.1s
[CV 1/5; 1301/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1301/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-25.497, test=-2735.707)
total time= 27.5s
[CV 4/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.859, test=-2869.470)
total time= 55.5s
[CV 2/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-24.461, test=-2790.417)
total time= 27.5s
[CV 5/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.971, test=-2935.941)
total time= 55.8s
[CV 3/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-25.659, test=-3098.894)
total time= 27.6s
[CV 1/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=10
[CV 1/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1949.014, test=-2511.524)
total time= 1.0s
[CV 2/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1991.204, test=-2459.510)
total time= 1.1s
[CV 3/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1947.934, test=-2802.257)
total time= 1.1s
[CV 5/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1909.291, test=-2705.306)
total time= 1.1s
[CV 1/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1840.601, test=-2573.100)
total time= 1.1s
[CV 2/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1909.219, test=-2422.766)
total time= 1.1s
[CV 4/5; 1275/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1275/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1787.330, test=-2601.091)
total time= 1.1s
[CV 1/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1350.423, test=-2660.485)
total time= 2.2s
[CV 4/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1266.369, test=-2632.430)
total time= 2.2s
[CV 2/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-577.400, test=-2662.574)

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total time= 5.6s
[CV 5/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-528.124, test=-2914.316)
total time= 5.6s
[CV 3/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-169.716, test=-3029.102)
total time= 11.3s
[CV 1/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-22.276, test=-2765.997)
total time= 22.7s
[CV 4/5; 1280/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1280/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-7.005, test=-2744.994)
total time= 28.3s
[CV 5/5; 1282/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1282/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1806.221, test=-2783.084)
total time= 1.1s
[CV 2/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1535.456, test=-2538.281)
total time= 2.3s
[CV 5/5; 1283/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1283/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1440.198, test=-2795.750)
total time= 2.3s
[CV 3/5; 1284/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1284/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-724.931, test=-2974.726)
total time= 5.7s
[CV 1/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-313.616, test=-2741.049)
total time= 11.5s
[CV 4/5; 1285/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

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[CV 4/5; 1285/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-293.602, test=-2769.685)
total time= 11.3s

[CV 4/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 4/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-38.749, test=-2795.790)
total time= 22.4s

[CV 2/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 2/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.291, test=-2771.018)
total time= 56.3s

[CV 3/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 3/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-65.562, test=-3097.088)
total time= 22.3s

[CV 2/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 2/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.643, test=-2796.725)
total time= 55.1s

[CV 3/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 3/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-65.562, test=-3089.651)
total time= 22.3s

[CV 2/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 2/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.643, test=-2800.043)
total time= 55.4s

[CV 3/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 3/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-63.035, test=-3127.863)
total time= 22.3s

[CV 1/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 1/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.904, test=-2751.302)
total time= 55.9s

[CV 2/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 2/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-57.173, test=-2804.764)
total time= 22.2s

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[CV 5/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-29.222, test=-2939.135)
total time= 27.9s
[CV 3/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1550.608, test=-2845.266)
total time= 2.2s
[CV 1/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-853.953, test=-2650.020)
total time= 5.4s
[CV 4/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1371.468, test=-2548.151)
total time= 2.3s
[CV 5/5; 1276/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1276/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1360.168, test=-2812.725)
total time= 2.3s
[CV 3/5; 1277/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1277/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-577.241, test=-2968.008)
total time= 5.7s
[CV 1/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-212.027, test=-2777.178)
total time= 11.6s
[CV 4/5; 1278/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1278/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-194.284, test=-2730.420)
total time= 11.5s
[CV 5/5; 1279/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1279/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-20.153, test=-2947.416)
total time= 22.8s
[CV 3/5; 1281/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1281/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500;; score=(train=-0.053, test=-3027.941)
total time= 56.9s
[CV 5/5; 1286/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1286/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-44.919, test=-2940.413)
total time= 22.6s
[CV 3/5; 1288/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1288/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.176, test=-3068.487)
total time= 55.9s
[CV 5/5; 1293/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1293/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-72.230, test=-2910.709)
total time= 22.3s
[CV 3/5; 1295/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1295/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.531, test=-3099.289)
total time= 54.6s
[CV 4/5; 1300/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1300/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-78.938, test=-2870.099)
total time= 22.3s
[CV 1/5; 1302/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1302/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.904, test=-2743.631)
total time= 55.3s
[CV 2/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-57.173, test=-2793.140)
total time= 22.2s
[CV 5/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-29.648, test=-2904.209)
total time= 28.1s
[CV 3/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1472.220, test=-2884.976)
total time= 2.2s
[CV 1/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50
[CV 1/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-712.771, test=-2685.594)
total time= 5.5s
[CV 4/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-857.142, test=-2780.611)
total time= 5.7s
[CV 2/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-337.276, test=-2759.441)
total time= 11.3s
[CV 5/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-326.096, test=-2917.611)
total time= 11.3s
[CV 1/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-25.497, test=-2731.045)
total time= 27.5s
[CV 4/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.859, test=-2874.930)
total time= 55.9s
[CV 2/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-54.076, test=-2783.253)
total time= 27.5s
[CV 5/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-1.727, test=-3025.379)
total time= 54.2s
[CV 3/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-54.666, test=-3071.685)
total time= 27.3s
[CV 1/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1949.014, test=-2511.936)

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total time= 1.0s
[CV 2/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1991.202, test=-2458.734)
total time= 1.1s
[CV 3/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1947.934, test=-2797.555)
total time= 1.1s
[CV 5/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-337.276, test=-2752.532)
total time= 11.1s
[CV 5/5; 1306/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1306/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-309.835, test=-2884.793)
total time= 11.0s
[CV 1/5; 1308/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1308/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-25.497, test=-2735.739)
total time= 27.5s
[CV 4/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.859, test=-2878.046)
total time= 55.4s
[CV 2/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-24.461, test=-2784.025)
total time= 27.6s
[CV 5/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.630, test=-2947.343)
total time= 55.5s
[CV 3/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-54.666, test=-3073.378)
total time= 27.5s

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[CV 1/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1949.014, test=-2519.008)
total time= 1.0s
[CV 2/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1991.202, test=-2452.372)
total time= 1.1s
[CV 3/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1947.934, test=-2800.755)
total time= 1.1s
[CV 5/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1909.291, test=-2705.975)
total time= 1.1s
[CV 2/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1632.064, test=-2523.410)
total time= 2.2s
[CV 4/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1615.802, test=-2678.821)
total time= 2.2s
[CV 2/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-905.771, test=-2683.815)
total time= 5.5s
[CV 5/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-871.906, test=-2921.470)
total time= 5.5s
[CV 3/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-420.881, test=-3026.733)
total time= 11.0s
[CV 1/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200;; score=(train=-123.282, test=-2691.601)
total time= 22.4s
[CV 4/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-63.156, test=-2846.964)
total time= 27.4s
[CV 4/5; 1331/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1998.077, test=-2643.700)
total time= 1.1s
[CV 1/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1557.512, test=-2545.652)
total time= 2.1s
[CV 3/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1550.608, test=-2843.120)
total time= 2.1s
[CV 1/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-853.953, test=-2652.380)
total time= 5.4s
[CV 4/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-976.884, test=-2728.088)
total time= 5.5s
[CV 2/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-469.711, test=-2733.000)
total time= 11.1s
[CV 5/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-407.162, test=-2984.158)
total time= 11.0s
[CV 1/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-71.747, test=-2697.232)
total time= 27.7s
[CV 4/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 4/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-2.913, test=-2842.682)
total time= 54.7s
[CV 2/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-54.076, test=-2781.346)
total time= 27.4s
[CV 4/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1550.450, test=-2669.846)
total time= 2.2s
[CV 2/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-858.476, test=-2679.092)
total time= 5.6s
[CV 5/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-743.672, test=-2842.249)
total time= 5.5s
[CV 3/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-298.889, test=-3056.181)
total time= 11.1s
[CV 1/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-75.504, test=-2717.623)
total time= 22.3s
[CV 4/5; 1315/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1315/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-34.957, test=-2875.994)
total time= 28.0s
[CV 4/5; 1317/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1317/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1998.077, test=-2644.008)
total time= 1.1s
[CV 1/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1557.512, test=-2548.969)
total time= 2.2s
[CV 4/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20
[CV 4/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1615.802, test=-2677.182)
total time= 2.2s
[CV 2/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-905.771, test=-2695.319)
total time= 5.5s
[CV 5/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-871.906, test=-2921.377)
total time= 5.6s
[CV 3/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-420.881, test=-3023.580)
total time= 11.0s
[CV 1/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-123.282, test=-2696.992)
total time= 22.4s
[CV 4/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-60.258, test=-2839.158)
total time= 27.5s
[CV 4/5; 1324/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1324/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1998.077, test=-2643.583)
total time= 1.1s
[CV 1/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1557.512, test=-2544.031)
total time= 2.1s
[CV 3/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1550.608, test=-2845.322)
total time= 2.2s
[CV 1/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-853.953, test=-2657.174)

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total time= 5.4s
[CV 4/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-976.879, test=-2728.428)
total time= 5.5s
[CV 2/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-443.558, test=-2772.803)
total time= 11.1s
[CV 5/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-407.162, test=-2983.323)
total time= 11.1s
[CV 1/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-71.747, test=-2692.096)
total time= 27.9s
[CV 4/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-2.913, test=-2849.278)
total time= 54.9s
[CV 2/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-54.076, test=-2789.653)
total time= 27.2s
[CV 5/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.727, test=-3018.497)
total time= 54.1s
[CV 3/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-54.666, test=-3068.046)
total time= 27.4s
[CV 1/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2266.473, test=-2488.270)
total time= 0.5s
[CV 2/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

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[CV 2/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2321.598, test=-2407.194)
total time= 0.5s
[CV 3/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1331/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1909.291, test=-2706.445)
total time= 1.1s
[CV 2/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1632.064, test=-2535.551)
total time= 2.2s
[CV 4/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1615.802, test=-2676.593)
total time= 2.3s
[CV 2/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-986.247, test=-2690.116)
total time= 5.5s
[CV 5/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-871.906, test=-2924.524)
total time= 5.5s
[CV 3/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-420.881, test=-3032.451)
total time= 11.0s
[CV 1/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-123.282, test=-2696.917)
total time= 22.2s
[CV 4/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-60.258, test=-2841.148)
total time= 27.3s
[CV 4/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1998.077, test=-2643.633)
total time= 1.1s

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[CV 1/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1557.512, test=-2552.368)
total time= 2.1s
[CV 4/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1615.802, test=-2675.421)
total time= 2.2s
[CV 2/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-986.247, test=-2674.849)
total time= 5.5s
[CV 5/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-871.906, test=-2919.039)
total time= 5.5s
[CV 3/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-420.881, test=-3026.218)
total time= 11.0s
[CV 1/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-123.282, test=-2691.239)
total time= 22.2s
[CV 4/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-60.258, test=-2845.998)
total time= 27.3s
[CV 1/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2055.993, test=-2534.966)
total time= 1.0s
[CV 3/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2013.719, test=-2870.143)
total time= 1.0s
[CV 5/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=20;; score=(train=-2024.592, test=-2803.687)
total time= 1.0s
[CV 2/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1653.280, test=-2671.329)
total time= 2.5s
[CV 5/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1568.856, test=-2909.159)
total time= 2.5s
[CV 3/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1120.341, test=-3094.716)
total time= 4.9s
[CV 1/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-639.087, test=-2850.525)
total time= 9.8s
[CV 4/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-639.670, test=-3004.249)
total time= 9.8s
[CV 4/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-466.192, test=-3021.313)
total time= 12.2s
[CV 1/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2271.827, test=-2488.270)
total time= 0.5s
[CV 3/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2273.868, test=-2767.504)
total time= 0.5s
[CV 5/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2221.011, test=-2772.825)
total time= 0.5s
[CV 2/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=20
[CV 2/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2087.220, test=-2454.053)
total time= 1.0s
[CV 4/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-976.884, test=-2728.309)
total time= 5.3s
[CV 2/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-469.711, test=-2722.627)
total time= 11.1s
[CV 5/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-407.162, test=-2983.488)
total time= 11.1s
[CV 1/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-71.747, test=-2689.504)
total time= 28.0s
[CV 4/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-3.061, test=-2853.471)
total time= 55.0s
[CV 2/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-54.076, test=-2788.647)
total time= 27.4s
[CV 5/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.727, test=-3022.991)
total time= 54.7s
[CV 3/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-54.666, test=-3072.902)
total time= 27.5s
[CV 1/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1949.014, test=-2509.996)
total time= 1.0s
[CV 2/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10
[CV 2/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1991.202, test=-2456.680)
total time= 1.1s
[CV 3/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1947.934, test=-2801.550)
total time= 1.1s
[CV 5/5; 1338/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1338/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1909.291, test=-2705.195)
total time= 1.1s
[CV 2/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1632.064, test=-2538.260)
total time= 2.2s
[CV 5/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1516.552, test=-2807.155)
total time= 2.2s
[CV 3/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-924.071, test=-2938.825)
total time= 5.5s
[CV 1/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-405.562, test=-2681.250)
total time= 11.0s
[CV 4/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-451.734, test=-2819.244)
total time= 11.0s
[CV 5/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-105.309, test=-3019.554)
total time= 21.9s
[CV 3/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1.847, test=-3073.872)

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total time= 54.7s
[CV 5/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-446.636, test=-3024.222)
total time= 12.2s
[CV 2/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2322.245, test=-2410.876)
total time= 0.5s
[CV 4/5; 1352/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1352/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2297.647, test=-2594.253)
total time= 0.5s
[CV 1/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2044.279, test=-2520.817)
total time= 1.0s
[CV 3/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2035.512, test=-2834.560)
total time= 1.0s
[CV 1/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1593.501, test=-2635.843)
total time= 2.4s
[CV 4/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1695.004, test=-2817.918)
total time= 2.5s
[CV 2/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1214.960, test=-2767.790)
total time= 4.9s
[CV 5/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1113.742, test=-2979.899)
total time= 4.9s
[CV 5/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

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[CV 2/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 2/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1632.064, test=-2536.904) total time= 2.2s
[CV 5/5; 1318/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 5/5; 1318/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1516.552, test=-2806.109) total time= 2.2s
[CV 3/5; 1319/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 3/5; 1319/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-924.071, test=-2944.124) total time= 5.5s
[CV 1/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 1/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-405.562, test=-2681.925) total time= 10.9s
[CV 4/5; 1320/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 4/5; 1320/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-451.734, test=-2817.836) total time= 10.9s
[CV 4/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 4/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-120.734, test=-2840.977) total time= 22.0s
[CV 1/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 1/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-2.514, test=-2696.250) total time= 54.6s
[CV 3/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 3/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-104.829, test=-3070.150) total time= 22.0s
[CV 5/5; 1329/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 5/5; 1329/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-49.243, test=-3029.026) total time= 27.6s
[CV 5/5; 1332/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 5/5; 1332/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=20;; score=(train=-1516.552, test=-2804.217)
total time= 2.3s
[CV 3/5; 1333/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1333/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-924.071, test=-2939.365)
total time= 5.5s
[CV 1/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-437.167, test=-2728.837)
total time= 10.8s
[CV 4/5; 1334/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1334/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-451.734, test=-2818.175)
total time= 10.9s
[CV 5/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-105.309, test=-3024.933)
total time= 22.2s
[CV 3/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-1.847, test=-3076.790)
total time= 54.4s
[CV 4/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-119.137, test=-2845.995)
total time= 22.0s
[CV 2/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-2.132, test=-2781.533)
total time= 54.5s
[CV 3/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-444.562, test=-3196.096)
total time= 12.2s
[CV 4/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-123.288, test=-3034.949)
total time= 24.3s
[CV 3/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250
[CV 3/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-486.423, test=-3252.468)
total time= 12.2s
[CV 1/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2293.243, test=-2477.535)
total time= 0.5s
[CV 2/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2322.733, test=-2412.841)
total time= 0.5s
[CV 5/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2214.718, test=-2775.083)
total time= 0.5s
[CV 3/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2095.518, test=-2857.794)
total time= 1.1s
[CV 1/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1660.526, test=-2612.859)
total time= 2.4s
[CV 4/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1685.024, test=-2807.811)
total time= 2.4s
[CV 2/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1227.169, test=-2809.261)
total time= 4.9s
[CV 5/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1223.599, test=-2896.592)
total time= 4.9s
[CV 5/5; 1311/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1311/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1390.855, test=-2775.613)

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total time= 2.2s
[CV 3/5; 1312/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1312/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-841.681, test=-3057.651)
total time= 5.6s
[CV 1/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-321.203, test=-2724.432)
total time= 11.1s
[CV 4/5; 1313/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1313/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-389.708, test=-2810.018)
total time= 11.1s
[CV 4/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-78.938, test=-2865.871)
total time= 22.3s
[CV 2/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.643, test=-2790.092)
total time= 55.1s
[CV 3/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-104.829, test=-3065.541)
total time= 22.1s
[CV 2/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-2.132, test=-2785.935)
total time= 54.5s
[CV 2/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-120.133, test=-2772.031)
total time= 22.3s
[CV 1/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-2.514, test=-2692.296)
total time= 55.1s
[CV 2/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

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[CV 2/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-120.133, test=-2766.977)
total time= 22.0s

[CV 5/5; 1336/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 5/5; 1336/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-49.243, test=-3022.337)
total time= 27.4s

[CV 3/5; 1339/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

[CV 3/5; 1339/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1550.608, test=-2847.742)
total time= 2.1s

[CV 1/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 1/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-853.953, test=-2656.847)
total time= 5.5s

[CV 4/5; 1340/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 4/5; 1340/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-976.879, test=-2727.026)
total time= 5.5s

[CV 2/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 2/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-469.711, test=-2728.559)
total time= 11.1s

[CV 5/5; 1341/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

[CV 5/5; 1341/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-407.162, test=-2982.844)
total time= 11.0s

[CV 1/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 1/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-71.747, test=-2692.796)
total time= 27.9s

[CV 4/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 4/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-3.061, test=-2853.611)
total time= 55.2s

[CV 5/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 5/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-118.696, test=-3066.555)
total time= 24.4s

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[CV 4/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-511.343, test=-3066.618)
total time= 12.3s
[CV 3/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2252.699, test=-2807.917)
total time= 0.5s
[CV 1/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2086.181, test=-2526.569)
total time= 0.9s
[CV 4/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2150.230, test=-2649.399)
total time= 0.9s
[CV 2/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1734.516, test=-2615.973)
total time= 2.5s
[CV 5/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1625.823, test=-2840.575)
total time= 2.5s
[CV 3/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1257.653, test=-3103.481)
total time= 4.9s
[CV 1/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-676.962, test=-2848.124)
total time= 9.8s
[CV 4/5; 1307/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1307/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-78.938, test=-2870.352)
total time= 22.4s
[CV 2/5; 1309/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1309/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500;; score=(train=-0.643, test=-2791.902)
total time= 55.4s
[CV 3/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-63.035, test=-3128.670)
total time= 22.2s
[CV 1/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.831, test=-2755.801)
total time= 55.3s
[CV 2/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-120.133, test=-2776.192)
total time= 22.1s
[CV 5/5; 1322/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1322/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-49.243, test=-3021.461)
total time= 27.4s
[CV 5/5; 1325/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1325/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1516.552, test=-2812.058)
total time= 2.2s
[CV 3/5; 1326/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1326/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-924.071, test=-2938.054)
total time= 5.5s
[CV 1/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-405.562, test=-2683.573)
total time= 11.0s
[CV 4/5; 1327/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1327/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-451.734, test=-2825.854)
total time= 11.0s
[CV 5/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-105.309, test=-3008.596)
total time= 22.2s
[CV 3/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 3/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-1.847, test=-3078.287)
total time= 54.7s
[CV 4/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-119.137, test=-2843.600)
total time= 22.0s
[CV 2/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-2.132, test=-2793.942)
total time= 54.5s
[CV 3/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-104.829, test=-3066.789)
total time= 21.9s
[CV 1/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-2.514, test=-2699.746)
total time= 54.5s
[CV 2/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-467.673, test=-2982.063)
total time= 12.1s
[CV 3/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-105.784, test=-3249.929)
total time= 24.3s
[CV 1/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-463.150, test=-3052.722)
total time= 12.1s
[CV 4/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-131.443, test=-3095.405)
total time= 24.3s
[CV 3/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-532.788, test=-3253.586)

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total time= 12.2s
[CV 1/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2281.289, test=-2435.150)
total time= 0.5s
[CV 4/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2316.610, test=-2590.287)
total time= 0.5s
[CV 2/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2119.128, test=-2553.054)
total time= 1.0s
[CV 5/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2039.467, test=-2840.206)
total time= 1.0s
[CV 3/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1675.084, test=-3019.617)
total time= 2.5s
[CV 5/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1662.967, test=-2919.188)
total time= 2.5s
[CV 3/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1223.111, test=-3173.459)
total time= 4.9s
[CV 1/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1314/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1314/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-56.981, test=-2920.019)
total time= 22.1s
[CV 3/5; 1316/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1316/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.556, test=-3101.962)
total time= 55.2s

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[CV 5/5; 1321/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200
[CV 5/5; 1321/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-105.309, test=-3014.762)
total time= 22.0s

[CV 3/5; 1323/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 3/5; 1323/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-1.847, test=-3073.745)
total time= 54.7s

[CV 4/5; 1328/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 4/5; 1328/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-119.137, test=-2842.954)
total time= 22.2s

[CV 2/5; 1330/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 2/5; 1330/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-2.514, test=-2836.790)
total time= 54.9s

[CV 3/5; 1335/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 3/5; 1335/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-104.829, test=-3064.027)
total time= 21.8s

[CV 1/5; 1337/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 1/5; 1337/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-2.463, test=-2756.527)
total time= 54.7s

[CV 2/5; 1342/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 2/5; 1342/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-120.133, test=-2760.928)
total time= 22.1s

[CV 5/5; 1343/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 5/5; 1343/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-49.243, test=-3015.656)
total time= 27.5s

[CV 3/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 3/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-1562.188, test=-2997.022)
total time= 2.5s

[CV 1/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 1/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100;; score=(train=-1140.669, test=-2742.808)
total time= 4.9s
[CV 4/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1175.637, test=-2893.230)
total time= 4.9s
[CV 2/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-623.916, test=-2915.837)
total time= 9.8s
[CV 5/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-591.579, test=-3017.457)
total time= 9.8s
[CV 1/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-125.326, test=-2948.296)
total time= 24.3s
[CV 2/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-657.916, test=-2863.243)
total time= 9.7s
[CV 5/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-454.263, test=-3070.194)
total time= 12.2s
[CV 4/5; 1359/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1359/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2316.610, test=-2590.287)
total time= 0.5s
[CV 2/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2123.565, test=-2474.692)
total time= 1.1s
[CV 5/5; 1360/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1360/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-2032.965, test=-2818.687)
total time= 1.0s
[CV 3/5; 1361/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50
[CV 3/5; 1361/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1704.321, test=-2996.452)
total time= 2.5s
[CV 1/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1220.634, test=-2685.944)
total time= 4.9s
[CV 4/5; 1362/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1362/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-1271.359, test=-2891.027)
total time= 4.9s
[CV 3/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-701.963, test=-3219.970)
total time= 9.8s
[CV 1/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-143.436, test=-2960.365)
total time= 24.5s
[CV 3/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-731.101, test=-3283.967)
total time= 9.8s
[CV 1/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-201.448, test=-2916.420)
total time= 24.4s
[CV 2/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2271.961, test=-2764.847)
total time= 0.5s
[CV 4/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2286.835, test=-2619.749)
total time= 0.5s
[CV 5/5; 1345/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1345/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2221.011, test=-2772.825)

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total time= 0.5s
[CV 2/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2091.232, test=-2478.822)
total time= 1.0s
[CV 4/5; 1346/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1346/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-2048.893, test=-2661.840)
total time= 1.0s
[CV 1/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1629.533, test=-2621.003)
total time= 2.4s
[CV 4/5; 1347/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1347/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1623.804, test=-2807.804)
total time= 2.4s
[CV 2/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1173.117, test=-2807.479)
total time= 4.9s
[CV 5/5; 1348/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1348/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1116.405, test=-2980.446)
total time= 4.9s
[CV 3/5; 1349/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1349/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-612.746, test=-3143.028)
total time= 9.8s
[CV 1/5; 1350/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1350/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-487.942, test=-2858.911)
total time= 12.1s
[CV 2/5; 1351/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1351/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-121.103, test=-3018.465)
total time= 24.1s
[CV 4/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

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[CV 4/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=200;; score=(train=-660.346, test=-3024.909)
 total time= 9.7s
 [CV 2/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500
 [CV 2/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=5, n_estimators=500;; score=(train=-130.138, test=-2986.718)
 total time= 24.1s
 [CV 4/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=200
 [CV 4/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=200;; score=(train=-693.634, test=-3048.291)
 total time= 9.7s
 [CV 2/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=500
 [CV 2/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=10, n_estimators=500;; score=(train=-155.831, test=-2985.049)
 total time= 24.3s
 [CV 2/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200
 [CV 2/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=200;; score=(train=-752.611, test=-2937.611)
 total time= 9.8s
 [CV 5/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=250
 [CV 5/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
 min_samples_split=15, n_estimators=250;; score=(train=-582.189, test=-3129.249)
 total time= 12.2s
 [CV 1/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20
 [CV 1/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20;; score=(train=-2076.776, test=-2469.234)
 total time= 1.0s
 [CV 4/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20
 [CV 4/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=20;; score=(train=-2099.285, test=-2634.578)
 total time= 1.0s
 [CV 2/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=50
 [CV 2/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=50;; score=(train=-1736.351, test=-2637.954)
 total time= 2.4s
 [CV 5/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=50
 [CV 5/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
 min_samples_split=2, n_estimators=50;; score=(train=-1634.606, test=-2811.249)
 total time= 2.4s

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[CV 3/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1226.685, test=-3140.666)
total time= 4.9s
[CV 1/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-758.296, test=-2851.868)
total time= 9.8s
[CV 4/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-560.613, test=-3006.104)
total time= 12.1s
[CV 2/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2116.867, test=-2477.405)
total time= 1.0s
[CV 5/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2052.498, test=-2720.700)
total time= 1.0s
[CV 3/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1680.392, test=-3034.927)
total time= 2.4s
[CV 1/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1237.802, test=-2713.959)
total time= 4.9s
[CV 5/5; 1344/2352] START learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1344/2352] END learning_rate=0.25, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-1.727, test=-3020.056)
total time= 54.0s
[CV 5/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2029.509, test=-2800.392)
total time= 1.0s
[CV 3/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50;; score=(train=-1637.052, test=-2988.125)
total time= 2.5s
[CV 1/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1176.121, test=-2835.123)
total time= 4.9s
[CV 4/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1206.273, test=-2943.922)
total time= 4.9s
[CV 3/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-636.639, test=-3234.231)
total time= 9.7s
[CV 1/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-120.806, test=-3075.355)
total time= 24.2s
[CV 2/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-687.725, test=-2894.997)
total time= 9.7s
[CV 4/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-536.568, test=-3068.602)
total time= 12.2s
[CV 2/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2359.869, test=-2406.965)
total time= 0.5s
[CV 5/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2223.798, test=-2759.476)
total time= 0.5s
[CV 3/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2070.810, test=-2884.416)
total time= 1.0s
[CV 1/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50
[CV 1/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1705.196, test=-2579.761)
total time= 2.5s
[CV 4/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1704.356, test=-2749.359)
total time= 2.5s
[CV 2/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1292.843, test=-2817.880)
total time= 4.9s
[CV 5/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1279.159, test=-3045.829)
total time= 4.9s
[CV 1/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-606.299, test=-2880.930)
total time= 12.1s
[CV 4/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-215.482, test=-3017.714)
total time= 24.2s
[CV 2/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-601.219, test=-2921.911)
total time= 12.0s
[CV 5/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-193.599, test=-3096.420)
total time= 24.1s
[CV 3/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-547.520, test=-3308.313)
total time= 12.1s
[CV 1/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2303.812, test=-2467.084)

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total time= 0.5s
[CV 2/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2343.090, test=-2411.374)
total time= 0.5s
[CV 3/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2238.044, test=-2804.006)
total time= 0.5s
[CV 4/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2310.068, test=-2576.356)
total time= 0.5s
[CV 1/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2076.776, test=-2469.438)
total time= 1.0s
[CV 3/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2067.902, test=-2895.705)
total time= 1.0s
[CV 1/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1692.830, test=-2541.244)
total time= 2.4s
[CV 4/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-511.944, test=-2924.416)
total time= 12.2s
[CV 4/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-161.792, test=-3100.753)
total time= 24.6s
[CV 2/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-597.033, test=-2961.492)
total time= 12.2s

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[CV 5/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-197.336, test=-3206.102)
total time= 24.2s
[CV 3/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-547.520, test=-3310.780)
total time= 12.1s
[CV 1/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2303.812, test=-2469.139)
total time= 0.5s
[CV 2/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2343.090, test=-2411.374)
total time= 0.5s
[CV 3/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2238.044, test=-2804.836)
total time= 0.5s
[CV 4/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2310.068, test=-2576.356)
total time= 0.5s
[CV 5/5; 1380/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1380/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2258.150, test=-2729.818)
total time= 0.5s
[CV 1/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2076.776, test=-2473.074)
total time= 1.0s
[CV 3/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2067.902, test=-2899.149)
total time= 1.0s
[CV 1/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-1692.830, test=-2548.015)
total time= 2.5s
[CV 4/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1688.033, test=-2726.686)
total time= 2.4s
[CV 2/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1257.747, test=-2729.275)
total time= 4.8s
[CV 5/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1240.137, test=-2914.955)
total time= 4.9s
[CV 1/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-612.034, test=-2898.696)
total time= 12.2s
[CV 4/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-201.254, test=-3055.995)
total time= 24.3s
[CV 2/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-601.219, test=-2917.663)
total time= 12.1s
[CV 5/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-193.599, test=-3082.881)
total time= 24.3s
[CV 3/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-606.149, test=-3237.137)
total time= 12.1s
[CV 1/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2326.159, test=-2446.428)
total time= 0.5s
[CV 2/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10
[CV 2/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2373.100, test=-2383.813)
total time= 0.5s
[CV 3/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2260.922, test=-2782.912)
total time= 0.5s
[CV 5/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2237.235, test=-2731.124)
total time= 0.5s
[CV 2/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2201.192, test=-2455.456)
total time= 1.0s
[CV 5/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2049.409, test=-2747.997)
total time= 1.0s
[CV 3/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1706.251, test=-2998.980)
total time= 2.5s
[CV 1/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1353/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1353/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-2094.656, test=-2680.819)
total time= 1.0s
[CV 2/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1638.197, test=-2629.602)
total time= 2.5s
[CV 5/5; 1354/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1354/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1580.394, test=-2911.002)
total time= 2.5s
[CV 3/5; 1355/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

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[CV 3/5; 1355/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1199.639, test=-3151.083)
total time= 5.0s
[CV 1/5; 1356/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-618.058, test=-3022.722)
total time= 9.8s
[CV 2/5; 1357/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1357/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-482.795, test=-2907.682)
total time= 12.2s
[CV 5/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-113.962, test=-3104.732)
total time= 24.1s
[CV 5/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-543.190, test=-3078.277)
total time= 12.1s
[CV 3/5; 1366/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1366/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2256.296, test=-2807.054)
total time= 0.5s
[CV 1/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2102.286, test=-2448.276)
total time= 1.0s
[CV 4/5; 1367/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1367/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2151.844, test=-2645.650)
total time= 1.0s
[CV 2/5; 1368/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1368/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1729.446, test=-2716.946)
total time= 2.5s
[CV 1/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1296.256, test=-2727.402)
total time= 5.1s

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[CV 4/5; 1369/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1369/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1271.731, test=-2825.017)
total time= 4.9s
[CV 5/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-765.961, test=-3092.845)
total time= 9.7s
[CV 3/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-169.973, test=-3418.999)
total time= 24.1s
[CV 3/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-715.874, test=-3280.091)
total time= 9.6s
[CV 1/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-200.653, test=-2981.867)
total time= 24.3s
[CV 2/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-752.484, test=-2878.108)
total time= 9.7s
[CV 5/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-566.798, test=-3021.960)
total time= 12.0s
[CV 5/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2052.498, test=-2722.449)
total time= 1.0s
[CV 3/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1680.392, test=-3041.604)
total time= 2.4s
[CV 1/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-1237.802, test=-2703.392)
total time= 4.8s
[CV 4/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1237.536, test=-2878.775)
total time= 4.9s
[CV 4/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-706.105, test=-2993.024)
total time= 9.7s
[CV 2/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-197.809, test=-2993.407)
total time= 24.2s
[CV 3/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-759.340, test=-3197.972)
total time= 9.7s
[CV 1/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-224.363, test=-2932.640)
total time= 24.2s
[CV 2/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-766.728, test=-2886.655)
total time= 9.8s
[CV 3/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-573.688, test=-3330.717)
total time= 12.2s
[CV 1/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2303.812, test=-2469.139)
total time= 0.5s
[CV 2/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2343.090, test=-2412.097)
total time= 0.5s
[CV 4/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10
[CV 4/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2310.068, test=-2576.356)
total time= 0.5s
[CV 2/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2116.867, test=-2474.902)
total time= 1.0s
[CV 5/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2052.498, test=-2730.006)
total time= 1.0s
[CV 3/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1680.392, test=-3023.502)
total time= 2.5s
[CV 1/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1237.802, test=-2706.195)
total time= 4.9s
[CV 4/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1237.536, test=-2875.124)
total time= 4.6s
[CV 5/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-736.852, test=-3001.998)
total time= 9.7s
[CV 3/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-185.048, test=-3378.918)
total time= 24.1s
[CV 4/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-706.105, test=-2981.863)
total time= 9.7s
[CV 2/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-197.809, test=-2999.126)

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total time= 24.3s
[CV 3/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-715.874, test=-3270.421)
total time= 9.7s
[CV 1/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-200.653, test=-2979.466)
total time= 24.2s
[CV 2/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-800.522, test=-2899.194)
total time= 9.7s
[CV 5/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-629.985, test=-3078.845)
total time= 12.1s
[CV 3/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2082.528, test=-2852.451)
total time= 1.0s
[CV 1/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1718.267, test=-2603.679)
total time= 2.4s
[CV 4/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1738.809, test=-2713.864)
total time= 2.4s
[CV 2/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1377.656, test=-2703.416)
total time= 4.8s
[CV 1/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-824.128, test=-2915.146)
total time= 9.7s
[CV 4/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

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[CV 4/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-745.541, test=-2982.778)
total time= 12.2s
[CV 4/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2312.473, test=-2624.216)
total time= 0.5s
[CV 1/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2133.895, test=-2480.590)
total time= 1.0s
[CV 4/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2136.583, test=-2690.080)
total time= 1.0s
[CV 2/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1815.190, test=-2619.550)
total time= 2.5s
[CV 5/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1657.978, test=-2839.815)
total time= 2.5s
[CV 5/5; 1356/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-622.093, test=-3032.462)
total time= 9.8s
[CV 3/5; 1358/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1358/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-126.341, test=-3256.390)
total time= 24.3s
[CV 5/5; 1363/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1363/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-694.467, test=-3046.336)
total time= 9.8s
[CV 3/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-155.343, test=-3269.898)
total time= 24.5s
[CV 4/5; 1370/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

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[CV 4/5; 1370/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-784.813, test=-2996.272)
total time= 9.8s
[CV 2/5; 1372/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1372/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-188.085, test=-3022.366)
total time= 24.2s
[CV 4/5; 1377/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-706.105, test=-2979.325)
total time= 9.7s
[CV 2/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-197.809, test=-2986.739)
total time= 24.3s
[CV 3/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-715.874, test=-3269.171)
total time= 9.7s
[CV 1/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-200.653, test=-2977.925)
total time= 24.2s
[CV 2/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-752.484, test=-2868.476)
total time= 9.6s
[CV 5/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-566.798, test=-3031.928)
total time= 12.1s
[CV 2/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2144.286, test=-2467.859)
total time= 1.0s
[CV 5/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2071.414, test=-2753.917)
total time= 1.0s

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[CV 3/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1656.464, test=-2981.238)
total time= 2.4s
[CV 5/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1714.039, test=-2875.191)
total time= 2.4s
[CV 3/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1236.648, test=-3092.243)
total time= 4.8s
[CV 1/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-809.987, test=-2823.300)
total time= 9.6s
[CV 4/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-642.526, test=-3032.885)
total time= 12.1s
[CV 4/5; 1401/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1401/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2312.473, test=-2624.216)
total time= 0.5s
[CV 1/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2133.895, test=-2480.811)
total time= 1.0s
[CV 4/5; 1402/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1402/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2136.583, test=-2688.138)
total time= 1.0s
[CV 2/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1815.190, test=-2613.824)
total time= 2.4s
[CV 5/5; 1403/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1403/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50;; score=(train=-1657.978, test=-2842.311)
total time= 2.4s
[CV 3/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1264.528, test=-3043.261)
total time= 4.8s
[CV 5/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1319.350, test=-2952.671)
total time= 4.8s
[CV 1/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-677.799, test=-2962.755)
total time= 12.0s
[CV 4/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-297.785, test=-3094.083)
total time= 24.0s
[CV 2/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-695.236, test=-2853.787)
total time= 12.0s
[CV 2/5; 1364/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1364/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-532.429, test=-2922.219)
total time= 12.2s
[CV 5/5; 1365/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1365/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-156.227, test=-3104.116)
total time= 24.3s
[CV 4/5; 1371/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1371/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-632.137, test=-2995.204)
total time= 12.3s
[CV 3/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2238.044, test=-2804.836)
total time= 0.5s
[CV 5/5; 1373/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=10
[CV 5/5; 1373/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2258.150, test=-2729.818)
total time= 0.5s
[CV 3/5; 1374/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1374/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2067.902, test=-2895.705)
total time= 1.0s
[CV 1/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1692.830, test=-2535.933)
total time= 2.5s
[CV 4/5; 1375/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1375/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1688.033, test=-2728.901)
total time= 2.5s
[CV 2/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1257.747, test=-2724.373)
total time= 4.9s
[CV 5/5; 1376/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1376/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1240.137, test=-2941.529)
total time= 4.9s
[CV 1/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-612.034, test=-2895.547)
total time= 12.2s
[CV 4/5; 1379/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1379/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-201.254, test=-3058.686)
total time= 24.7s
[CV 2/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-601.219, test=-2914.915)
total time= 12.1s
[CV 5/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-193.599, test=-3091.410)

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total time= 24.1s
[CV 3/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-547.520, test=-3301.607)
total time= 12.1s
[CV 1/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2307.253, test=-2458.550)
total time= 0.5s
[CV 3/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2242.781, test=-2806.087)
total time= 0.5s
[CV 5/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2262.497, test=-2723.023)
total time= 0.5s
[CV 3/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2050.883, test=-2857.717)
total time= 1.0s
[CV 1/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1720.923, test=-2517.621)
total time= 2.4s
[CV 4/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1692.992, test=-2727.827)
total time= 2.4s
[CV 2/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1274.279, test=-2740.148)
total time= 4.8s
[CV 5/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1272.994, test=-2965.012)
total time= 4.8s
[CV 1/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

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[CV 1/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-647.361, test=-2852.379)
total time= 12.0s

[CV 4/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 4/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-246.908, test=-3126.074)
total time= 24.2s

[CV 2/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 2/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-695.236, test=-2871.970)
total time= 12.2s

[CV 5/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 5/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-275.418, test=-3111.674)
total time= 24.1s

[CV 3/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 3/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-652.760, test=-3328.352)
total time= 12.1s

[CV 1/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 2/5; 1377/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-752.484, test=-2871.454)
total time= 9.8s

[CV 5/5; 1378/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 5/5; 1378/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-566.798, test=-3029.839)
total time= 12.2s

[CV 4/5; 1381/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 4/5; 1381/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2099.285, test=-2634.578)
total time= 1.0s

[CV 2/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 2/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1736.351, test=-2636.283)
total time= 2.5s

[CV 5/5; 1382/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 5/5; 1382/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1634.606, test=-2805.078)
total time= 2.5s

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[CV 3/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1226.685, test=-3153.732)
total time= 4.9s
[CV 1/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-758.296, test=-2866.227)
total time= 9.8s
[CV 4/5; 1385/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1385/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-560.613, test=-3002.172)
total time= 12.2s
[CV 5/5; 1387/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1387/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2258.150, test=-2729.818)
total time= 0.5s
[CV 2/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2116.867, test=-2479.971)
total time= 1.0s
[CV 4/5; 1388/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1388/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2099.285, test=-2634.578)
total time= 1.0s
[CV 2/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1736.351, test=-2638.668)
total time= 2.4s
[CV 5/5; 1389/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1634.606, test=-2804.224)
total time= 2.4s
[CV 3/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1226.685, test=-3151.894)
total time= 4.9s
[CV 1/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=200;; score=(train=-758.296, test=-2857.974)
total time= 9.8s
[CV 4/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-560.613, test=-3018.784)
total time= 12.3s
[CV 2/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2347.329, test=-2407.124)
total time= 0.5s
[CV 4/5; 1394/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1394/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2310.068, test=-2576.356)
total time= 0.5s
[CV 1/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2115.494, test=-2446.783)
total time= 1.0s
[CV 4/5; 1395/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1395/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2101.449, test=-2645.825)
total time= 1.0s
[CV 2/5; 1396/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1396/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1762.446, test=-2615.355)
total time= 2.5s
[CV 1/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1303.390, test=-2639.821)
total time= 4.9s
[CV 4/5; 1397/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1397/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1277.453, test=-2860.486)
total time= 4.9s
[CV 5/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-809.592, test=-3022.271)
total time= 9.8s
[CV 3/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500
[CV 3/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-217.436, test=-3279.004)
total time= 24.5s
[CV 5/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-851.229, test=-3030.672)
total time= 9.6s
[CV 3/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-238.824, test=-3308.653)
total time= 24.1s
[CV 4/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-896.612, test=-2954.965)
total time= 9.7s
[CV 2/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-284.196, test=-2959.392)
total time= 24.3s
[CV 4/5; 1389/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1688.033, test=-2729.931)
total time= 2.4s
[CV 2/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1257.747, test=-2712.464)
total time= 4.8s
[CV 5/5; 1390/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1390/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1240.137, test=-2915.840)
total time= 4.9s
[CV 1/5; 1392/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1392/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-612.034, test=-2894.589)
total time= 12.1s
[CV 4/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-201.254, test=-3061.779)
total time= 24.2s
[CV 2/5; 1399/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250
[CV 2/5; 1399/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-623.526, test=-2968.312)
total time= 12.1s
[CV 5/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-231.683, test=-3154.359)
total time= 24.3s
[CV 3/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-652.760, test=-3328.751)
total time= 12.1s
[CV 1/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2326.159, test=-2446.428)
total time= 0.6s
[CV 2/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2373.100, test=-2383.813)
total time= 0.5s
[CV 3/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2271.513, test=-2774.507)
total time= 0.5s
[CV 5/5; 1408/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1408/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2237.235, test=-2731.124)
total time= 0.5s
[CV 2/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2201.192, test=-2455.456)
total time= 1.0s
[CV 5/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2049.409, test=-2748.390)
total time= 1.0s
[CV 3/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1706.251, test=-2999.675)

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total time= 2.5s
[CV 1/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1293.619, test=-2711.099)
total time= 4.8s
[CV 4/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1359.094, test=-2887.123)
total time= 4.9s
[CV 5/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-851.229, test=-3027.298)
total time= 9.7s
[CV 3/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-238.824, test=-3298.769)
total time= 24.1s
[CV 4/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-896.612, test=-2954.281)
total time= 9.7s
[CV 2/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-284.196, test=-2973.086)
total time= 24.4s
[CV 3/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-779.891, test=-3199.564)
total time= 9.7s
[CV 1/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-269.393, test=-3075.934)
total time= 23.9s
[CV 2/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-876.593, test=-2963.261)
total time= 9.5s
[CV 5/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

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[CV 5/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-734.621, test=-3067.368)
total time= 12.0s
[CV 2/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2173.604, test=-2549.263)
total time= 1.0s
[CV 5/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2093.340, test=-2758.640)
total time= 1.0s
[CV 3/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1693.556, test=-2928.335)
total time= 2.4s
[CV 1/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1361.891, test=-2731.951)
total time= 4.8s
[CV 3/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1293.168, test=-3117.788)
total time= 4.9s
[CV 1/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-824.128, test=-2915.478)
total time= 9.7s
[CV 4/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-745.541, test=-2989.257)
total time= 12.3s
[CV 5/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2237.235, test=-2731.124)
total time= 0.5s
[CV 2/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2201.192, test=-2456.136)
total time= 1.0s

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[CV 5/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2049.409, test=-2750.111)
total time= 1.0s
[CV 3/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1673.181, test=-2971.802)
total time= 2.5s
[CV 5/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1657.978, test=-2834.428)
total time= 2.5s
[CV 3/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1264.528, test=-3063.985)
total time= 4.9s
[CV 1/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-824.128, test=-2923.898)
total time= 9.7s
[CV 4/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-745.541, test=-2998.646)
total time= 12.3s
[CV 1/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2133.895, test=-2480.590)
total time= 1.0s
[CV 3/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2082.528, test=-2850.110)
total time= 1.0s
[CV 1/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1718.267, test=-2606.888)
total time= 2.5s
[CV 4/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50;; score=(train=-1738.809, test=-2707.895)
total time= 2.4s
[CV 2/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1377.656, test=-2699.347)
total time= 4.9s
[CV 5/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1319.350, test=-2952.354)
total time= 4.9s
[CV 1/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-677.799, test=-2971.565)
total time= 12.1s
[CV 4/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-297.785, test=-3095.684)
total time= 24.3s
[CV 2/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-731.434, test=-2993.741)
total time= 12.1s
[CV 5/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-329.161, test=-3126.627)
total time= 24.1s
[CV 3/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-678.593, test=-3211.566)
total time= 12.2s
[CV 1/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2311.869, test=-2450.019)
total time= 0.5s
[CV 2/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2358.642, test=-2433.070)
total time= 0.5s
[CV 4/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10
[CV 4/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2309.893, test=-2596.892)
total time= 0.5s
[CV 1/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2154.719, test=-2500.983)
total time= 1.0s
[CV 4/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2114.114, test=-2666.629)
total time= 1.0s
[CV 2/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1761.776, test=-2666.760)
total time= 2.4s
[CV 5/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-854.413, test=-2824.159)
total time= 9.6s
[CV 5/5; 1406/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1406/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-677.545, test=-3038.608)
total time= 12.1s
[CV 3/5; 1409/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1409/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2084.250, test=-2885.872)
total time= 1.0s
[CV 1/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1718.267, test=-2597.424)
total time= 2.4s
[CV 4/5; 1410/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1410/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1738.809, test=-2714.349)
total time= 2.4s
[CV 2/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1377.656, test=-2693.669)

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total time= 4.9s
[CV 5/5; 1411/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1411/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1319.350, test=-2949.621)
total time= 4.9s
[CV 1/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-677.799, test=-2960.319)
total time= 12.1s
[CV 4/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-297.785, test=-3097.880)
total time= 24.2s
[CV 2/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-695.236, test=-2862.945)
total time= 12.1s
[CV 5/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-275.418, test=-3111.908)
total time= 24.2s
[CV 3/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-646.080, test=-3216.072)
total time= 12.2s
[CV 1/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2311.869, test=-2450.019)
total time= 0.5s
[CV 2/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2358.642, test=-2432.247)
total time= 0.5s
[CV 3/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2268.645, test=-2773.601)
total time= 0.5s
[CV 4/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

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[CV 4/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2309.893, test=-2596.892)
total time= 0.5s
[CV 1/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2154.719, test=-2506.341)
total time= 1.0s
[CV 3/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2059.761, test=-2843.814)
total time= 1.0s
[CV 1/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1776.458, test=-2620.242)
total time= 2.4s
[CV 4/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1764.175, test=-2725.745)
total time= 2.4s
[CV 2/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1360.354, test=-2825.932)
total time= 4.9s
[CV 5/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1330.861, test=-2955.950)
total time= 4.9s
[CV 1/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-764.625, test=-2980.828)
total time= 12.1s
[CV 4/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-333.014, test=-3105.598)
total time= 24.3s
[CV 2/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-731.434, test=-2996.936)
total time= 12.0s

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[CV 5/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-329.161, test=-3120.023)
total time= 23.9s
[CV 3/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-678.593, test=-3201.712)
total time= 11.9s
[CV 1/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2311.869, test=-2450.019)
total time= 0.5s
[CV 2/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2358.642, test=-2436.267)
total time= 0.5s
[CV 4/5; 1383/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1383/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1237.536, test=-2876.746)
total time= 4.9s
[CV 5/5; 1384/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1384/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-736.852, test=-3006.646)
total time= 9.8s
[CV 3/5; 1386/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1386/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-185.048, test=-3388.236)
total time= 24.3s
[CV 5/5; 1391/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1391/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-736.852, test=-3000.380)
total time= 9.8s
[CV 3/5; 1393/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1393/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-185.048, test=-3386.504)
total time= 24.5s
[CV 4/5; 1398/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1398/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=200;; score=(train=-802.988, test=-2986.081)
total time= 9.8s
[CV 2/5; 1400/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1400/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-222.415, test=-3084.324)
total time= 24.5s
[CV 3/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-795.401, test=-3303.610)
total time= 9.7s
[CV 1/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-269.393, test=-3086.852)
total time= 24.1s
[CV 2/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-854.413, test=-2817.287)
total time= 9.7s
[CV 5/5; 1413/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1413/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-677.545, test=-3045.972)
total time= 12.2s
[CV 4/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2136.583, test=-2685.019)
total time= 1.0s
[CV 2/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1815.190, test=-2613.605)
total time= 2.5s
[CV 1/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1293.619, test=-2713.482)
total time= 4.9s
[CV 4/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1359.094, test=-2886.358)
total time= 4.9s
[CV 5/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200
[CV 5/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-851.229, test=-3028.246)
total time= 9.8s
[CV 3/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-237.935, test=-3370.577)
total time= 24.3s
[CV 4/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-896.612, test=-2966.038)
total time= 9.9s
[CV 3/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-238.824, test=-3312.908)
total time= 24.2s
[CV 4/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-906.569, test=-3013.001)
total time= 9.7s
[CV 2/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-302.468, test=-3089.938)
total time= 24.1s
[CV 3/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-831.665, test=-3176.681)
total time= 9.7s
[CV 1/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-322.610, test=-3077.026)
total time= 24.1s
[CV 2/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-876.593, test=-2953.640)
total time= 9.7s
[CV 5/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-734.621, test=-3066.156)

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total time= 12.0s
[CV 3/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2059.761, test=-2843.814)
total time= 1.0s
[CV 1/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1776.458, test=-2623.035)
total time= 2.4s
[CV 4/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1764.175, test=-2730.664)
total time= 2.4s
[CV 2/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-795.401, test=-3303.254)
total time= 9.8s
[CV 1/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-269.393, test=-3076.585)
total time= 24.3s
[CV 2/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-854.413, test=-2827.887)
total time= 9.7s
[CV 5/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-677.545, test=-3044.388)
total time= 12.1s
[CV 4/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2114.114, test=-2668.789)
total time= 1.0s
[CV 2/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1761.776, test=-2659.920)
total time= 2.4s

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[CV 5/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1704.483, test=-2861.227)
total time= 2.4s
[CV 3/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1282.522, test=-3086.917)
total time= 4.8s
[CV 1/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-918.835, test=-2920.275)
total time= 9.6s
[CV 4/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-768.923, test=-3040.631)
total time= 12.1s
[CV 4/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2309.893, test=-2596.892)
total time= 0.5s
[CV 1/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2154.719, test=-2500.983)
total time= 1.0s
[CV 4/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2114.114, test=-2668.789)
total time= 1.0s
[CV 2/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1761.776, test=-2655.199)
total time= 2.4s
[CV 5/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1704.483, test=-2860.697)
total time= 2.4s
[CV 3/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=100;; score=(train=-1282.522, test=-3082.394)
total time= 4.9s
[CV 1/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-918.835, test=-2922.586)
total time= 9.7s
[CV 4/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-768.923, test=-3036.980)
total time= 12.0s
[CV 3/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2268.645, test=-2773.601)
total time= 0.5s
[CV 5/5; 1443/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1443/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2266.352, test=-2712.019)
total time= 0.5s
[CV 3/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2059.761, test=-2844.526)
total time= 1.0s
[CV 1/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1776.458, test=-2621.884)
total time= 2.4s
[CV 4/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1764.175, test=-2732.462)
total time= 2.4s
[CV 2/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1360.354, test=-2825.829)
total time= 4.8s
[CV 5/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1330.861, test=-2942.284)
total time= 4.8s
[CV 1/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=10, n_estimators=250
[CV 1/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-764.625, test=-2972.689)
total time= 12.1s
[CV 4/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-333.014, test=-3105.885)
total time= 24.1s
[CV 2/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-731.434, test=-2991.522)
total time= 12.1s
[CV 5/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2326.159, test=-2446.428)
total time= 0.5s
[CV 2/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2373.100, test=-2383.813)
total time= 0.5s
[CV 3/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2260.922, test=-2784.122)
total time= 0.5s
[CV 4/5; 1415/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1415/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2312.473, test=-2621.363)
total time= 0.5s
[CV 1/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2133.895, test=-2476.383)
total time= 1.0s
[CV 3/5; 1416/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1416/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2096.580, test=-2796.108)
total time= 1.0s
[CV 1/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1718.267, test=-2601.448)

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total time= 2.4s
[CV 4/5; 1417/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1417/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1738.809, test=-2720.953)
total time= 2.4s
[CV 2/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1377.656, test=-2697.630)
total time= 4.9s
[CV 5/5; 1418/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1418/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1319.350, test=-2946.782)
total time= 4.9s
[CV 1/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-677.799, test=-2965.544)
total time= 12.0s
[CV 4/5; 1421/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1421/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-297.785, test=-3087.365)
total time= 24.2s
[CV 2/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-695.236, test=-2857.693)
total time= 12.0s
[CV 5/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-275.418, test=-3119.696)
total time= 24.2s
[CV 3/5; 1434/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1434/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-678.593, test=-3200.280)
total time= 12.1s
[CV 1/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2311.869, test=-2445.379)
total time= 0.5s
[CV 2/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

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[CV 2/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2358.642, test=-2429.645)
total time= 0.5s
[CV 3/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2268.645, test=-2773.407)
total time= 0.5s
[CV 5/5; 1436/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1436/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2266.352, test=-2712.019)
total time= 0.5s
[CV 3/5; 1437/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1437/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2059.761, test=-2845.496)
total time= 1.0s
[CV 1/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1776.458, test=-2630.950)
total time= 2.4s
[CV 4/5; 1438/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1438/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1764.175, test=-2716.229)
total time= 2.4s
[CV 2/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1360.354, test=-2811.548)
total time= 4.9s
[CV 5/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1330.861, test=-2950.830)
total time= 5.0s
[CV 1/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-764.625, test=-2980.819)
total time= 12.1s
[CV 4/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-333.014, test=-3098.400)
total time= 23.9s

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[CV 2/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 2/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-731.434, test=-2991.710) total time= 12.0s
[CV 5/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 5/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-329.161, test=-3117.429) total time= 23.9s
[CV 3/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 3/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-678.593, test=-3190.591) total time= 12.0s
[CV 5/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 5/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-275.418, test=-3115.979) total time= 24.0s
[CV 3/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 3/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-646.080, test=-3218.022) total time= 12.0s
[CV 1/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 1/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2326.159, test=-2446.428) total time= 0.5s
[CV 2/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 2/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2373.100, test=-2383.813) total time= 0.5s
[CV 3/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 3/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2271.513, test=-2774.603) total time= 0.5s
[CV 4/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 4/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-2312.473, test=-2621.363) total time= 0.5s
[CV 5/5; 1422/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=10
[CV 5/5; 1422/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=10;; score=(train=-2237.235, test=-2731.124)
total time= 0.5s
[CV 2/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2201.192, test=-2455.025)
total time= 1.0s
[CV 5/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2049.409, test=-2749.719)
total time= 1.0s
[CV 3/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1673.181, test=-2966.685)
total time= 2.4s
[CV 1/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1293.619, test=-2710.878)
total time= 4.8s
[CV 4/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1359.094, test=-2877.728)
total time= 4.8s
[CV 5/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-851.229, test=-3025.258)
total time= 9.6s
[CV 2/5; 1428/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1428/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-284.196, test=-2961.580)
total time= 24.0s
[CV 3/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-831.665, test=-3170.305)
total time= 9.6s
[CV 1/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-322.610, test=-3083.118)
total time= 23.9s
[CV 2/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200
[CV 2/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-876.593, test=-2957.840)
total time= 9.7s
[CV 5/5; 1441/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1441/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-734.621, test=-3070.002)
total time= 12.0s
[CV 2/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2173.604, test=-2555.419)
total time= 1.0s
[CV 5/5; 1444/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1444/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2093.340, test=-2755.463)
total time= 1.0s
[CV 3/5; 1445/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1693.556, test=-2929.824)
total time= 2.4s
[CV 1/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1361.891, test=-2726.150)
total time= 4.8s
[CV 4/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1333.410, test=-2880.156)
total time= 4.8s
[CV 5/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-884.102, test=-3041.482)
total time= 9.6s
[CV 3/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-295.027, test=-3317.629)
total time= 23.9s
[CV 3/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-831.665, test=-3169.848)

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total time= 9.6s
[CV 1/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-322.610, test=-3071.124)
total time= 24.1s
[CV 4/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-222.509, test=-3075.734)
total time= 7.7s
[CV 2/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1293.619, test=-2714.767)
total time= 4.9s
[CV 4/5; 1404/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1404/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1359.094, test=-2885.700)
total time= 4.9s
[CV 4/5; 1405/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1405/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-896.612, test=-2967.242)
total time= 9.7s
[CV 2/5; 1407/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1407/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-284.196, test=-2981.865)
total time= 24.2s
[CV 3/5; 1412/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1412/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-795.401, test=-3293.207)
total time= 9.7s
[CV 1/5; 1414/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1414/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-269.393, test=-3079.362)
total time= 24.2s
[CV 2/5; 1419/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1419/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-854.413, test=-2823.677)
total time= 9.7s
[CV 5/5; 1420/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 5/5; 1420/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-677.545, test=-3048.280)
total time= 12.1s
[CV 4/5; 1423/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1423/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2136.583, test=-2685.423)
total time= 1.0s
[CV 2/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1815.190, test=-2619.696)
total time= 2.4s
[CV 5/5; 1424/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1424/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1657.978, test=-2835.948)
total time= 2.4s
[CV 3/5; 1425/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1425/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1264.528, test=-3059.118)
total time= 4.9s
[CV 1/5; 1426/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1426/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-824.128, test=-2915.309)
total time= 9.7s
[CV 4/5; 1427/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1427/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-745.541, test=-2998.684)
total time= 12.3s
[CV 5/5; 1429/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1429/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2266.352, test=-2712.019)
total time= 0.5s
[CV 2/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2173.604, test=-2546.570)
total time= 1.0s
[CV 5/5; 1430/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1430/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2093.340, test=-2758.640)
total time= 1.0s

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[CV 3/5; 1431/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1431/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1693.556, test=-2932.957)
total time= 2.4s
[CV 1/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1361.891, test=-2742.322)
total time= 4.8s
[CV 4/5; 1432/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1432/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1333.410, test=-2877.484)
total time= 4.8s
[CV 5/5; 1433/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1433/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-884.102, test=-3041.074)
total time= 9.6s
[CV 3/5; 1435/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1435/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-295.027, test=-3306.520)
total time= 24.2s
[CV 4/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-906.569, test=-3001.567)
total time= 10.0s
[CV 3/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-295.027, test=-3314.219)
total time= 24.3s
[CV 4/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-906.569, test=-2997.545)
total time= 9.8s
[CV 2/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-302.468, test=-3080.270)
total time= 24.3s
[CV 4/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-906.569, test=-3005.275)
total time= 9.7s
[CV 2/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-302.468, test=-3094.618)
total time= 23.8s
[CV 5/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-209.818, test=-3192.937)
total time= 7.7s
[CV 5/5; 1445/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1704.483, test=-2862.285)
total time= 2.4s
[CV 3/5; 1446/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1446/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1282.522, test=-3081.089)
total time= 4.9s
[CV 1/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-918.835, test=-2915.553)
total time= 9.7s
[CV 4/5; 1448/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1448/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-768.923, test=-3034.789)
total time= 12.2s
[CV 4/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2309.893, test=-2587.851)
total time= 0.5s
[CV 1/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2154.719, test=-2500.983)
total time= 1.0s
[CV 4/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2114.114, test=-2666.629)
total time= 1.0s
[CV 2/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50;; score=(train=-1761.776, test=-2665.538)
total time= 2.4s
[CV 5/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1704.483, test=-2857.439)
total time= 2.4s
[CV 3/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1282.522, test=-3083.101)
total time= 4.9s
[CV 1/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-918.835, test=-2927.048)
total time= 9.7s
[CV 4/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-768.923, test=-3033.506)
total time= 12.3s
[CV 4/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1872.330, test=-2712.505)
total time= 0.8s
[CV 2/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1333.684, test=-2643.424)
total time= 1.5s
[CV 5/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1401.076, test=-3007.868)
total time= 1.6s
[CV 3/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-670.323, test=-3204.473)
total time= 3.9s
[CV 1/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-206.661, test=-2824.332)
total time= 7.7s
[CV 2/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200
[CV 2/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-22.443, test=-2854.566)
total time= 15.5s
[CV 5/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-7.297, test=-3233.463)
total time= 19.4s
[CV 3/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-717.343, test=-3067.197)
total time= 3.9s
[CV 1/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-227.297, test=-2951.087)
total time= 7.8s
[CV 4/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-247.436, test=-2943.765)
total time= 7.8s
[CV 2/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-29.708, test=-2960.581)
total time= 15.5s
[CV 5/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-9.786, test=-3173.559)
total time= 19.3s
[CV 2/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-864.491, test=-2791.999)
total time= 3.9s
[CV 5/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-837.411, test=-3077.550)
total time= 3.9s
[CV 3/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-298.826, test=-3250.021)

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total time= 7.7s
[CV 1/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-51.311, test=-2758.414)
total time= 15.2s
[CV 4/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-25.212, test=-3019.752)
total time= 19.1s
[CV 3/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2268.645, test=-2773.601)
total time= 0.5s
[CV 5/5; 1450/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1450/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2266.352, test=-2712.019)
total time= 0.5s
[CV 2/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2173.604, test=-2546.172)
total time= 1.0s
[CV 5/5; 1451/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1451/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2093.340, test=-2758.640)
total time= 1.0s
[CV 3/5; 1452/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1452/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1693.556, test=-2933.400)
total time= 2.4s
[CV 1/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1361.891, test=-2730.068)
total time= 4.8s
[CV 4/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1333.410, test=-2877.848)
total time= 4.8s
[CV 5/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

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[CV 5/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-884.102, test=-3042.941)
total time= 9.6s

[CV 3/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 3/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-295.027, test=-3316.907)
total time= 24.1s

[CV 1/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 1/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-23.946, test=-2822.864)
total time= 15.3s

[CV 4/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 4/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-7.583, test=-3093.051)
total time= 19.3s

[CV 4/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 4/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1404.939, test=-2730.337)
total time= 1.6s

[CV 1/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 1/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-732.534, test=-2919.236)
total time= 3.9s

[CV 4/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 4/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-691.535, test=-2927.505)
total time= 3.9s

[CV 2/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 2/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-251.650, test=-2945.969)
total time= 7.7s

[CV 5/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 5/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-210.400, test=-3124.132)
total time= 7.7s

[CV 1/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

[CV 1/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-10.296, test=-2991.702)
total time= 19.2s

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[CV 4/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.066, test=-2932.870)
total time= 39.0s
[CV 2/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-26.288, test=-2869.489)
total time= 19.2s
[CV 5/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.413, test=-3147.370)
total time= 38.3s
[CV 3/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-47.082, test=-3197.337)
total time= 19.4s
[CV 1/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1933.388, test=-2594.584)
total time= 0.8s
[CV 2/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1945.862, test=-2538.498)
total time= 0.8s
[CV 3/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1945.270, test=-2823.128)
total time= 0.8s
[CV 4/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1898.858, test=-2756.650)
total time= 0.8s
[CV 1/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1510.040, test=-2719.877)
total time= 1.5s
[CV 3/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20;; score=(train=-1540.312, test=-2961.497)
total time= 1.6s
[CV 1/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-847.813, test=-2802.099)
total time= 3.8s
[CV 4/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-6.519, test=-3260.798)
total time= 19.3s
[CV 1/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1939.725, test=-2630.947)
total time= 0.8s
[CV 2/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1958.313, test=-2560.030)
total time= 0.8s
[CV 3/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1867.240, test=-2882.053)
total time= 0.8s
[CV 4/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1839.024, test=-2629.616)
total time= 0.8s
[CV 5/5; 1464/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1464/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1908.432, test=-2872.807)
total time= 0.8s
[CV 1/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1485.551, test=-2774.509)
total time= 1.6s
[CV 2/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1544.453, test=-2676.974)

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total time= 1.6s
[CV 3/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1454.441, test=-2984.840)
total time= 1.6s
[CV 5/5; 1465/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1465/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1419.180, test=-3034.076)
total time= 1.6s
[CV 2/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-739.512, test=-2852.232)
total time= 3.9s
[CV 5/5; 1466/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1466/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-649.391, test=-3109.611)
total time= 3.8s
[CV 3/5; 1467/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1467/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-221.725, test=-3138.382)
total time= 7.7s
[CV 1/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-27.461, test=-2997.060)
total time= 15.3s
[CV 4/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-10.863, test=-2992.745)
total time= 19.2s
[CV 5/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1879.567, test=-2875.929)
total time= 0.8s
[CV 2/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1507.244, test=-2627.666)
total time= 1.6s
[CV 4/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

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[CV 4/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1616.532, test=-2782.682)
total time= 1.6s

[CV 1/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 1/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-800.625, test=-2715.357)
total time= 3.9s

[CV 4/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 4/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-862.374, test=-2973.488)
total time= 3.9s

[CV 2/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 2/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-342.440, test=-2843.008)
total time= 7.8s

[CV 5/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 5/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-309.389, test=-3127.183)
total time= 7.7s

[CV 1/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 1/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-22.799, test=-2779.431)
total time= 19.3s

[CV 4/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 4/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.503, test=-3037.382)
total time= 38.6s

[CV 2/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 2/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-42.122, test=-2978.354)
total time= 19.4s

[CV 5/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 5/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.345, test=-2989.711)
total time= 38.7s

[CV 3/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 3/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-30.624, test=-3299.085)
total time= 19.2s


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[CV 1/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1933.388, test=-2589.583)
total time= 0.8s
[CV 2/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1885.918, test=-2605.728)
total time= 0.8s
[CV 2/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1839.557, test=-2588.355)
total time= 0.8s
[CV 3/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1916.331, test=-2867.651)
total time= 0.8s
[CV 5/5; 1457/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1457/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1823.880, test=-2891.523)
total time= 0.8s
[CV 3/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1457.396, test=-3100.193)
total time= 1.6s
[CV 1/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-668.115, test=-2794.771)
total time= 3.8s
[CV 4/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-638.986, test=-2985.245)
total time= 3.8s
[CV 2/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-208.404, test=-2810.915)
total time= 7.7s
[CV 3/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200
[CV 3/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-18.111, test=-3239.693)
total time= 15.4s
[CV 1/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.044, test=-2851.175)
total time= 38.3s
[CV 3/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-29.868, test=-3140.871)
total time= 15.4s
[CV 1/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.062, test=-2994.822)
total time= 38.5s
[CV 2/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-60.842, test=-2896.892)
total time= 15.5s
[CV 5/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-25.401, test=-3141.498)
total time= 19.4s
[CV 2/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1052.555, test=-2791.661)
total time= 3.9s
[CV 5/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-832.341, test=-2945.422)
total time= 3.9s
[CV 3/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-426.170, test=-3191.800)
total time= 7.8s
[CV 1/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-82.486, test=-2977.565)

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total time= 15.5s
[CV 4/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-49.083, test=-3049.772)
total time= 20.0s
[CV 5/5; 1485/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 1485/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1910.386, test=-2715.231)
total time= 0.8s
[CV 2/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1533.773, test=-2629.952)
total time= 1.5s
[CV 4/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1535.936, test=-2786.770)
total time= 1.6s
[CV 2/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-834.417, test=-2800.924)
total time= 3.9s
[CV 5/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-815.719, test=-3014.839)
total time= 3.9s
[CV 3/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-336.690, test=-3272.708)
total time= 7.7s
[CV 1/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-74.862, test=-2932.953)
total time= 15.4s
[CV 4/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-32.704, test=-3070.694)
total time= 19.1s
[CV 4/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

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[CV 4/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1898.584, test=-2757.181)
total time= 0.8s
[CV 1/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-329.161, test=-3118.343)
total time= 24.1s
[CV 1/5; 1462/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-8.737, test=-2858.080)
total time= 19.2s
[CV 4/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.038, test=-3093.762)
total time= 38.4s
[CV 2/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-10.397, test=-2964.883)
total time= 19.3s
[CV 5/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.044, test=-3130.318)
total time= 38.5s
[CV 3/5; 1476/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1476/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-25.216, test=-3285.091)
total time= 19.3s
[CV 1/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2003.314, test=-2594.084)
total time= 0.8s
[CV 3/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1953.345, test=-2864.141)
total time= 0.8s
[CV 5/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1924.659, test=-2776.727)
total time= 0.8s

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[CV 2/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1709.462, test=-2570.593)
total time= 1.6s
[CV 4/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1646.203, test=-2736.441)
total time= 1.6s
[CV 1/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-920.296, test=-2874.991)
total time= 3.8s
[CV 4/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-974.547, test=-2870.666)
total time= 3.9s
[CV 2/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-473.242, test=-2927.979)
total time= 7.7s
[CV 5/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-395.454, test=-2991.311)
total time= 7.7s
[CV 1/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-38.616, test=-2983.826)
total time= 19.2s
[CV 4/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.642, test=-3044.534)
total time= 38.5s
[CV 2/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-33.515, test=-2897.392)
total time= 19.0s
[CV 5/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500;; score=(train=-0.777, test=-3084.416)
total time= 38.2s
[CV 3/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-30.624, test=-3286.182)
total time= 19.1s
[CV 1/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1933.388, test=-2589.583)
total time= 0.8s
[CV 2/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1945.862, test=-2533.555)
total time= 0.8s
[CV 3/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1945.270, test=-2822.736)
total time= 0.8s
[CV 5/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1910.386, test=-2700.771)
total time= 0.8s
[CV 2/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1533.773, test=-2631.398)
total time= 1.5s
[CV 5/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1456.199, test=-2850.057)
total time= 1.5s
[CV 3/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-832.304, test=-3168.472)
total time= 3.9s
[CV 1/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-391.272, test=-2880.854)
total time= 7.7s
[CV 4/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100
[CV 4/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-367.946, test=-3034.283)
total time= 7.6s
[CV 4/5; 1439/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1439/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1333.410, test=-2884.004)
total time= 4.8s
[CV 5/5; 1440/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1440/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-884.102, test=-3040.510)
total time= 9.5s
[CV 2/5; 1442/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1442/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-302.468, test=-3092.273)
total time= 23.9s
[CV 3/5; 1447/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1447/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-831.665, test=-3173.523)
total time= 9.6s
[CV 1/5; 1449/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1449/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-322.610, test=-3077.857)
total time= 23.8s
[CV 2/5; 1454/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1454/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-876.593, test=-2970.201)
total time= 9.6s
[CV 5/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-734.621, test=-3071.404)
total time= 12.1s
[CV 1/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1548.763, test=-2674.262)
total time= 1.6s
[CV 4/5; 1458/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1458/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1477.298, test=-2775.059)

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total time= 1.5s
[CV 2/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-638.807, test=-2768.591)
total time= 3.8s
[CV 5/5; 1459/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1459/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-679.280, test=-3122.271)
total time= 3.8s
[CV 3/5; 1460/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1460/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-201.632, test=-3269.599)
total time= 7.6s
[CV 5/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-23.133, test=-3226.660)
total time= 15.3s
[CV 3/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.034, test=-3271.922)
total time= 38.5s
[CV 5/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-25.320, test=-3148.513)
total time= 15.4s
[CV 3/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.063, test=-3140.167)
total time= 38.7s
[CV 5/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-58.361, test=-3147.036)
total time= 15.5s
[CV 3/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.343, test=-3261.261)
total time= 38.7s
[CV 5/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

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[CV 5/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-80.911, test=-2997.426)
total time= 15.5s
[CV 3/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.272, test=-3196.028)
total time= 38.5s
[CV 4/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-79.515, test=-3066.585)
total time= 15.2s
[CV 2/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.685, test=-2883.585)
total time= 37.8s
[CV 3/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-65.300, test=-3279.921)
total time= 15.3s
[CV 1/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.094, test=-2898.761)
total time= 38.1s
[CV 2/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-68.373, test=-2894.491)
total time= 15.2s
[CV 5/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-33.915, test=-3082.558)
total time= 19.0s
[CV 3/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1604.277, test=-2963.953)
total time= 1.5s
[CV 1/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-919.940, test=-2814.029)
total time= 3.8s

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[CV 4/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1462/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-7.740, test=-2825.212)
total time= 19.2s
[CV 5/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.039, test=-3184.496)
total time= 38.4s
[CV 3/5; 1469/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1469/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-10.191, test=-3127.800)
total time= 19.3s
[CV 1/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1984.491, test=-2600.839)
total time= 0.8s
[CV 2/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1973.782, test=-2481.299)
total time= 0.8s
[CV 3/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1885.090, test=-2884.700)
total time= 0.8s
[CV 4/5; 1471/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1471/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1920.745, test=-2690.776)
total time= 0.8s
[CV 1/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1530.452, test=-2539.837)
total time= 1.6s
[CV 3/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1451.575, test=-3032.826)
total time= 1.6s
[CV 5/5; 1472/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1472/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20;; score=(train=-1487.877, test=-2961.394)
total time= 1.6s
[CV 3/5; 1473/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1473/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-781.299, test=-3192.095)
total time= 3.9s
[CV 1/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-313.226, test=-2754.946)
total time= 7.9s
[CV 4/5; 1474/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1474/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-375.290, test=-2991.772)
total time= 8.0s
[CV 3/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-53.194, test=-3258.037)
total time= 15.5s
[CV 1/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.352, test=-2770.307)
total time= 38.7s
[CV 3/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-92.881, test=-3197.687)
total time= 15.5s
[CV 1/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.965, test=-2996.264)
total time= 38.5s
[CV 3/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-65.300, test=-3280.967)
total time= 15.3s
[CV 1/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1.277, test=-2949.538)
total time= 38.2s
[CV 2/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200
[CV 2/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-68.373, test=-2902.492)
total time= 15.3s
[CV 5/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-27.781, test=-2984.938)
total time= 19.0s
[CV 3/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1540.312, test=-2955.335)
total time= 1.5s
[CV 1/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-847.813, test=-2816.651)
total time= 3.8s
[CV 4/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-812.195, test=-2925.129)
total time= 3.8s
[CV 2/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-328.327, test=-2879.031)
total time= 7.7s
[CV 5/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-321.681, test=-3066.879)
total time= 7.7s
[CV 1/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-36.063, test=-2888.757)
total time= 19.1s
[CV 4/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.635, test=-3065.530)
total time= 37.5s
[CV 2/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-57.669, test=-3074.777)

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total time= 19.2s
[CV 2/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2097.298, test=-2483.418)
total time= 0.8s
[CV 4/5; 1478/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1478/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1999.043, test=-2615.346)
total time= 0.8s
[CV 1/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1571.900, test=-2685.045)
total time= 1.5s
[CV 3/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1580.858, test=-2975.057)
total time= 1.5s
[CV 5/5; 1479/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1479/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1467.372, test=-2814.240)
total time= 1.5s
[CV 3/5; 1480/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1480/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-898.707, test=-3135.023)
total time= 3.8s
[CV 1/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-400.000, test=-2959.933)
total time= 7.7s
[CV 4/5; 1481/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1481/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-457.934, test=-2986.204)
total time= 7.7s
[CV 4/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-101.923, test=-3031.983)
total time= 15.3s
[CV 2/5; 1484/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

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[CV 2/5; 1484/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-1.235, test=-2965.723)
total time= 38.1s

[CV 2/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 2/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-68.373, test=-2884.930)
total time= 15.1s

[CV 5/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 5/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-33.915, test=-3071.102)
total time= 18.9s

[CV 3/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 3/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1540.312, test=-2958.433)
total time= 1.5s

[CV 1/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 1/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-847.813, test=-2812.382)
total time= 3.8s

[CV 4/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 4/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-812.195, test=-2931.510)
total time= 3.8s

[CV 2/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 2/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-328.327, test=-2865.658)
total time= 7.6s

[CV 5/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 5/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-321.681, test=-3079.540)
total time= 7.7s

[CV 1/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 1/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-31.358, test=-2837.072)
total time= 18.9s

[CV 4/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 4/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-1.002, test=-3008.592)
total time= 37.8s

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[CV 2/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-33.515, test=-2922.950)
total time= 18.9s
[CV 5/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.546, test=-2990.955)
total time= 37.3s
[CV 3/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-53.153, test=-3146.506)
total time= 19.2s
[CV 1/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2076.496, test=-2530.819)
total time= 0.8s
[CV 2/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1962.749, test=-2551.471)
total time= 0.7s
[CV 3/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1986.222, test=-2885.285)
total time= 0.8s
[CV 4/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1958.509, test=-2761.612)
total time= 0.8s
[CV 1/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1656.714, test=-2636.430)
total time= 1.5s
[CV 3/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1690.499, test=-2983.018)
total time= 1.5s
[CV 1/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100;; score=(train=-1360.354, test=-2830.795)
total time= 4.8s
[CV 5/5; 1453/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1453/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1330.861, test=-2948.513)
total time= 4.8s
[CV 1/5; 1455/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1455/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-764.625, test=-2976.911)
total time= 12.1s
[CV 4/5; 1456/2352] START learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1456/2352] END learning_rate=0.5, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-333.014, test=-3101.707)
total time= 24.2s
[CV 4/5; 1461/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1461/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-25.463, test=-3087.509)
total time= 15.3s
[CV 2/5; 1463/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1463/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.043, test=-2853.256)
total time= 38.1s
[CV 4/5; 1468/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1468/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-30.181, test=-3001.173)
total time= 15.3s
[CV 2/5; 1470/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1470/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.081, test=-2977.198)
total time= 38.7s
[CV 4/5; 1475/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1475/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-63.520, test=-3023.466)
total time= 15.5s
[CV 2/5; 1477/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1477/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.403, test=-2887.091)
total time= 38.5s
[CV 2/5; 1482/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 2/5; 1482/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-93.812, test=-2975.000)
total time= 15.5s
[CV 5/5; 1483/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1483/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-40.144, test=-3009.664)
total time= 19.2s
[CV 5/5; 1486/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1486/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1443.757, test=-2858.156)
total time= 1.5s
[CV 3/5; 1487/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-832.304, test=-3164.911)
total time= 3.8s
[CV 1/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-342.651, test=-2868.915)
total time= 7.6s
[CV 4/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-367.946, test=-3021.423)
total time= 7.6s
[CV 5/5; 1489/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1489/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-59.221, test=-2999.569)
total time= 15.2s
[CV 3/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.753, test=-3309.189)
total time= 38.1s
[CV 4/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-79.515, test=-3075.269)
total time= 15.2s
[CV 2/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.685, test=-2907.761)

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total time= 38.1s
[CV 3/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-80.666, test=-3166.754)
total time= 15.4s
[CV 1/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.782, test=-2836.997)
total time= 38.1s
[CV 2/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-114.088, test=-3055.587)
total time= 15.3s
[CV 5/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-53.300, test=-2977.618)
total time= 19.0s
[CV 5/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1539.740, test=-2835.477)
total time= 1.5s
[CV 3/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-920.400, test=-3140.753)
total time= 3.8s
[CV 1/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-454.353, test=-2872.381)
total time= 7.5s
[CV 4/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-537.912, test=-2980.623)
total time= 7.6s
[CV 4/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-148.596, test=-3020.336)
total time= 15.1s
[CV 4/5; 1487/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-857.063, test=-2876.098)

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total time= 3.9s
[CV 2/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-328.327, test=-2856.782)
total time= 7.7s
[CV 5/5; 1488/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1488/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-321.681, test=-3065.266)
total time= 7.7s
[CV 1/5; 1490/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1490/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-36.063, test=-2882.857)
total time= 19.2s
[CV 4/5; 1491/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1491/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-1.002, test=-3023.120)
total time= 38.1s
[CV 2/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-33.515, test=-2903.040)
total time= 18.9s
[CV 5/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.546, test=-2988.284)
total time= 37.5s
[CV 3/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-30.624, test=-3278.063)
total time= 18.9s
[CV 1/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1984.061, test=-2562.149)
total time= 0.8s
[CV 2/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1955.210, test=-2595.871)
total time= 0.8s
[CV 3/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

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[CV 3/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1988.151, test=-2826.051)
total time= 0.8s

[CV 4/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10

[CV 4/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1913.498, test=-2719.638)
total time= 0.8s

[CV 1/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 1/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1552.366, test=-2644.581)
total time= 1.5s

[CV 4/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 4/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1527.087, test=-2824.202)
total time= 1.5s

[CV 2/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 2/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-965.588, test=-2871.320)
total time= 3.8s

[CV 5/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 5/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-951.920, test=-2907.724)
total time= 3.8s

[CV 3/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 3/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-423.945, test=-3144.744)
total time= 7.7s

[CV 1/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 1/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-99.753, test=-2897.271)
total time= 15.3s

[CV 4/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 4/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-57.295, test=-3083.345)
total time= 19.1s

[CV 5/5; 1513/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 5/5; 1513/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1895.257, test=-2742.726)
total time= 0.8s

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[CV 2/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1582.326, test=-2636.949)
total time= 1.5s
[CV 4/5; 1514/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1514/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1560.766, test=-2882.993)
total time= 1.5s
[CV 2/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-951.945, test=-2928.218)
total time= 3.8s
[CV 5/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-935.871, test=-2943.857)
total time= 3.8s
[CV 3/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-476.581, test=-3250.816)
total time= 7.6s
[CV 1/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-129.591, test=-2910.633)
total time= 15.2s
[CV 4/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-90.872, test=-3016.165)
total time= 19.0s
[CV 3/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1962.850, test=-2869.803)
total time= 0.8s
[CV 5/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1895.257, test=-2742.726)
total time= 0.8s
[CV 1/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1510.040, test=-2715.250)
total time= 1.6s

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[CV 4/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1535.936, test=-2790.585)
total time= 1.6s
[CV 2/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-834.417, test=-2794.832)
total time= 3.9s
[CV 5/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-807.192, test=-2949.111)
total time= 3.8s
[CV 3/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-336.690, test=-3270.450)
total time= 7.7s
[CV 1/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-63.805, test=-2829.690)
total time= 15.3s
[CV 4/5; 1497/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1497/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-32.704, test=-3070.962)
total time= 19.1s
[CV 4/5; 1499/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1499/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1898.584, test=-2757.127)
total time= 0.8s
[CV 1/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1543.552, test=-2657.876)
total time= 1.6s
[CV 4/5; 1500/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1500/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1589.078, test=-2787.192)
total time= 1.6s
[CV 2/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50;; score=(train=-834.417, test=-2817.865)
total time= 3.9s
[CV 5/5; 1501/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1501/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-815.719, test=-3012.396)
total time= 3.9s
[CV 3/5; 1502/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1502/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-336.690, test=-3272.328)
total time= 7.7s
[CV 1/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-63.805, test=-2835.137)
total time= 15.3s
[CV 4/5; 1504/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1504/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-32.704, test=-3072.582)
total time= 19.1s
[CV 5/5; 1506/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1506/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1963.333, test=-2801.259)
total time= 0.8s
[CV 2/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1623.438, test=-2670.677)
total time= 1.6s
[CV 5/5; 1507/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1507/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1588.024, test=-2832.530)
total time= 1.5s
[CV 3/5; 1508/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-938.218, test=-3072.026)
total time= 3.9s
[CV 1/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-421.129, test=-2875.420)
total time= 7.7s
[CV 4/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=100
[CV 4/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-498.487, test=-2984.697)
total time= 7.7s
[CV 5/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-108.287, test=-2943.090)
total time= 15.4s
[CV 3/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-2.055, test=-3165.117)
total time= 38.6s
[CV 5/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-126.902, test=-3039.437)
total time= 15.1s
[CV 3/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-4.153, test=-3296.525)
total time= 37.2s
[CV 3/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-124.633, test=-3256.788)
total time= 15.2s
[CV 1/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-4.033, test=-2916.258)
total time= 37.5s
[CV 2/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-129.626, test=-3113.862)
total time= 15.1s
[CV 5/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-69.854, test=-3051.979)
total time= 19.0s
[CV 1/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-988.248, test=-2780.072)
total time= 3.8s
[CV 4/5; 1515/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50
[CV 4/5; 1515/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-979.184, test=-2978.227)
total time= 3.8s
[CV 2/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-472.025, test=-3043.058)
total time= 7.5s
[CV 5/5; 1516/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1516/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-487.805, test=-2999.533)
total time= 7.5s
[CV 1/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-71.342, test=-2921.905)
total time= 18.7s
[CV 4/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-5.413, test=-3013.814)
total time= 37.7s
[CV 2/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-70.785, test=-3110.077)
total time= 18.8s
[CV 5/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-3.080, test=-3052.289)
total time= 37.3s
[CV 3/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-64.895, test=-3259.689)
total time= 18.5s
[CV 1/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2076.496, test=-2532.695)
total time= 0.8s
[CV 2/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1962.749, test=-2567.190)

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total time= 0.7s
[CV 3/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1962.850, test=-2867.624)
total time= 0.8s
[CV 4/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1958.509, test=-2757.746)
total time= 0.8s
[CV 5/5; 1534/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1534/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1895.257, test=-2750.269)
total time= 0.7s
[CV 2/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1582.326, test=-2639.709)
total time= 1.5s
[CV 4/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1560.766, test=-2886.402)
total time= 1.5s
[CV 2/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-917.766, test=-2838.516)
total time= 3.7s
[CV 5/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-935.871, test=-2942.019)
total time= 3.7s
[CV 3/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-476.581, test=-3242.532)
total time= 7.5s
[CV 1/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-129.591, test=-2913.854)
total time= 14.9s
[CV 4/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

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[CV 4/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-90.872, test=-3014.963)
total time= 19.0s

[CV 2/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 2/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2037.737, test=-2543.389)
total time= 0.8s

[CV 4/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 4/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1964.283, test=-2672.882)
total time= 0.7s

[CV 1/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 1/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1693.317, test=-2511.655)
total time= 1.5s

[CV 4/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 4/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1644.793, test=-2767.274)
total time= 1.5s

[CV 2/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 2/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1025.751, test=-2831.894)
total time= 3.8s

[CV 4/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 4/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1076.937, test=-2968.351)
total time= 3.8s

[CV 2/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 2/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-544.135, test=-2977.662)
total time= 7.5s

[CV 5/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 5/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-509.482, test=-3015.708)
total time= 7.5s

[CV 5/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 5/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-2.228, test=-2965.697)
total time= 38.3s

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[CV 3/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-64.895, test=-3267.128)
total time= 19.1s
[CV 1/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2076.496, test=-2530.768)
total time= 0.8s
[CV 2/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1962.749, test=-2562.379)
total time= 0.8s
[CV 4/5; 1520/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1520/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1958.509, test=-2765.916)
total time= 0.8s
[CV 1/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1656.714, test=-2636.252)
total time= 1.6s
[CV 4/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1560.766, test=-2873.695)
total time= 1.5s
[CV 2/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-951.945, test=-2923.979)
total time= 3.8s
[CV 5/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-935.871, test=-2948.596)
total time= 3.8s
[CV 3/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-476.581, test=-3250.822)
total time= 7.8s
[CV 1/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200;; score=(train=-129.591, test=-2908.220)
total time= 15.0s
[CV 4/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-90.872, test=-3017.774)
total time= 18.9s
[CV 4/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1958.509, test=-2751.675)
total time= 0.8s
[CV 1/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1656.714, test=-2638.430)
total time= 1.5s
[CV 4/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1560.766, test=-2885.323)
total time= 1.5s
[CV 2/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-951.945, test=-2917.901)
total time= 3.8s
[CV 5/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-935.871, test=-2942.364)
total time= 3.7s
[CV 3/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-451.743, test=-3211.263)
total time= 7.6s
[CV 1/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-129.591, test=-2924.538)
total time= 15.1s
[CV 4/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-90.872, test=-3021.508)
total time= 19.0s
[CV 1/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=20
[CV 1/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1656.714, test=-2636.787)
total time= 1.5s
[CV 3/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1626.749, test=-2995.576)
total time= 1.5s
[CV 1/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-988.248, test=-2785.632)
total time= 3.8s
[CV 4/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-979.184, test=-2979.132)
total time= 3.8s
[CV 2/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-472.025, test=-3053.524)
total time= 7.6s
[CV 5/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-487.805, test=-3002.150)
total time= 7.6s
[CV 1/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-71.342, test=-2913.415)
total time= 18.9s
[CV 4/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-5.413, test=-3022.080)
total time= 37.9s
[CV 2/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1945.862, test=-2524.313)
total time= 0.8s
[CV 3/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1945.270, test=-2823.128)

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total time= 0.8s
[CV 5/5; 1492/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1492/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1910.386, test=-2710.865)
total time= 0.8s
[CV 2/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1533.773, test=-2600.833)
total time= 1.6s
[CV 5/5; 1493/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1493/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1443.757, test=-2858.592)
total time= 1.6s
[CV 3/5; 1494/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1494/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-832.304, test=-3164.333)
total time= 3.8s
[CV 1/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-342.651, test=-2876.022)
total time= 7.6s
[CV 4/5; 1495/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1495/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-405.413, test=-2967.902)
total time= 7.7s
[CV 5/5; 1496/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1496/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-71.473, test=-3086.691)
total time= 15.4s
[CV 3/5; 1498/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1498/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.753, test=-3293.823)
total time= 38.4s
[CV 4/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-79.515, test=-3055.405)
total time= 15.3s
[CV 2/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

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[CV 2/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.685, test=-2927.012)
total time= 38.4s

[CV 4/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 4/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-116.686, test=-3062.538)
total time= 15.4s

[CV 2/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 2/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1.937, test=-3072.005)
total time= 38.2s

[CV 3/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 3/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-129.379, test=-3289.349)
total time= 15.2s

[CV 1/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 1/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-4.033, test=-2922.582)
total time= 36.9s

[CV 2/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 2/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-129.626, test=-3110.977)
total time= 15.2s

[CV 5/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 5/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-69.854, test=-3049.778)
total time= 19.0s

[CV 3/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 3/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1690.499, test=-2984.786)
total time= 1.6s

[CV 1/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 1/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-988.248, test=-2791.184)
total time= 3.8s

[CV 4/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 4/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-979.184, test=-2987.469)
total time= 3.8s


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[CV 2/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-493.082, test=-2892.597)
total time= 7.6s
[CV 5/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-487.805, test=-3002.088)
total time= 7.6s
[CV 1/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-71.342, test=-2904.913)
total time= 19.0s
[CV 4/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-5.413, test=-3011.067)
total time= 38.1s
[CV 2/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-70.785, test=-3114.432)
total time= 18.9s
[CV 5/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-3.080, test=-3049.630)
total time= 37.6s
[CV 3/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-85.878, test=-3353.117)
total time= 18.8s
[CV 1/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2122.349, test=-2442.927)
total time= 0.8s
[CV 5/5; 1503/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1503/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-59.221, test=-2983.366)
total time= 15.2s
[CV 3/5; 1505/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1505/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500;; score=(train=-0.753, test=-3292.740)
total time= 38.1s
[CV 3/5; 1510/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1510/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-97.089, test=-3156.900)
total time= 15.3s
[CV 1/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-1.809, test=-2901.457)
total time= 38.0s
[CV 2/5; 1517/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1517/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-129.626, test=-3126.087)
total time= 15.1s
[CV 5/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-69.854, test=-3043.850)
total time= 18.9s
[CV 5/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1539.740, test=-2829.047)
total time= 1.5s
[CV 3/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-956.050, test=-3127.813)
total time= 3.8s
[CV 1/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-454.353, test=-2871.031)
total time= 7.7s
[CV 4/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-537.912, test=-2981.838)
total time= 7.6s
[CV 5/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-126.902, test=-3035.552)
total time= 15.1s
[CV 3/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500
[CV 3/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-3.206, test=-3263.045)
total time= 37.8s
[CV 4/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-148.596, test=-3020.273)
total time= 15.2s
[CV 2/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-5.186, test=-3123.289)
total time= 37.9s
[CV 4/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-148.596, test=-3001.648)
total time= 15.2s
[CV 2/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-5.186, test=-3130.860)
total time= 37.8s
[CV 4/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-198.297, test=-3076.818)
total time= 15.0s
[CV 2/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-6.030, test=-3041.624)
total time= 37.1s
[CV 2/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-163.728, test=-3035.103)
total time= 14.9s
[CV 5/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-92.498, test=-3082.305)
total time= 18.6s
[CV 3/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1662.133, test=-2919.209)

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total time= 1.5s
[CV 1/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1056.226, test=-2704.769)
total time= 3.7s
[CV 4/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1076.937, test=-2965.530)
total time= 3.7s
[CV 2/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-544.135, test=-2970.024)
total time= 7.5s
[CV 5/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-509.482, test=-3025.101)
total time= 7.4s
[CV 1/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-102.949, test=-2836.569)
total time= 18.6s
[CV 4/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-8.697, test=-3089.374)
total time= 37.1s
[CV 2/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-92.769, test=-3044.821)
total time= 18.6s
[CV 5/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-3.299, test=-2982.571)
total time= 37.8s
[CV 4/5; 1524/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1524/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-148.596, test=-3004.987)
total time= 15.2s

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[CV 2/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-5.186, test=-3134.611)
total time= 37.9s
[CV 3/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-124.633, test=-3258.156)
total time= 15.2s
[CV 1/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-4.033, test=-2925.256)
total time= 37.6s
[CV 2/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-129.626, test=-3121.607)
total time= 15.2s
[CV 5/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-69.854, test=-3043.847)
total time= 19.0s
[CV 3/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1662.115, test=-2908.204)
total time= 1.5s
[CV 1/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1056.226, test=-2714.877)
total time= 3.8s
[CV 5/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-987.353, test=-2950.786)
total time= 3.8s
[CV 3/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-535.659, test=-3234.076)
total time= 7.6s
[CV 1/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200;; score=(train=-181.289, test=-2816.561)
total time= 15.1s
[CV 4/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-111.001, test=-3086.404)
total time= 18.7s
[CV 3/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2031.019, test=-2805.053)
total time= 0.8s
[CV 5/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1994.357, test=-2793.146)
total time= 0.8s
[CV 2/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1660.051, test=-2709.575)
total time= 1.5s
[CV 4/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1644.793, test=-2766.112)
total time= 1.5s
[CV 2/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1022.871, test=-2893.926)
total time= 3.7s
[CV 4/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1076.937, test=-2966.307)
total time= 3.7s
[CV 2/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-544.135, test=-2961.213)
total time= 7.5s
[CV 5/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-509.482, test=-3006.908)
total time= 7.4s
[CV 1/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250
[CV 1/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-102.949, test=-2834.995)
total time= 18.6s
[CV 4/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-8.697, test=-3088.316)
total time= 37.2s
[CV 2/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-93.548, test=-3047.562)
total time= 18.7s
[CV 5/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-6.903, test=-3097.383)
total time= 37.5s
[CV 3/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-85.878, test=-3356.164)
total time= 18.8s
[CV 1/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1286.514, test=-2785.043)
total time= 1.2s
[CV 2/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1144.938, test=-2772.083)
total time= 1.1s
[CV 3/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1582.326, test=-2652.399)
total time= 1.4s
[CV 3/5; 1521/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1521/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1690.499, test=-2982.564)
total time= 1.5s
[CV 1/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

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[CV 1/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-988.248, test=-2788.595)
total time= 3.8s
[CV 4/5; 1522/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1522/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-979.184, test=-2988.231)
total time= 3.8s
[CV 2/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-472.025, test=-3054.362)
total time= 7.7s
[CV 5/5; 1523/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1523/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-487.805, test=-3006.980)
total time= 7.6s
[CV 1/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-71.342, test=-2918.637)
total time= 18.9s
[CV 4/5; 1526/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1526/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-5.413, test=-3011.327)
total time= 37.9s
[CV 2/5; 1532/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1532/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-64.876, test=-2961.900)
total time= 18.8s
[CV 5/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-3.080, test=-3065.146)
total time= 37.4s
[CV 3/5; 1539/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1539/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-74.971, test=-3288.807)
total time= 18.8s
[CV 1/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2122.349, test=-2440.469)
total time= 0.8s

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[CV 3/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2031.019, test=-2805.046)
total time= 0.8s
[CV 5/5; 1541/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1541/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1994.357, test=-2790.705)
total time= 0.8s
[CV 2/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1730.555, test=-2674.346)
total time= 1.5s
[CV 5/5; 1542/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1542/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1603.821, test=-2890.046)
total time= 1.5s
[CV 3/5; 1543/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1543/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-981.719, test=-3160.861)
total time= 3.7s
[CV 1/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-534.847, test=-2788.356)
total time= 7.5s
[CV 4/5; 1544/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1544/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-610.862, test=-3060.341)
total time= 7.5s
[CV 5/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-167.453, test=-3089.112)
total time= 14.9s
[CV 3/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-6.495, test=-3322.556)
total time= 37.7s
[CV 4/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200;; score=(train=-198.297, test=-3083.712)
total time= 15.1s
[CV 2/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-6.030, test=-3052.840)
total time= 37.8s
[CV 4/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-198.297, test=-3082.373)
total time= 15.2s
[CV 2/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-6.030, test=-3065.153)
total time= 37.2s
[CV 2/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-163.728, test=-3030.562)
total time= 15.0s
[CV 5/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-92.498, test=-3089.981)
total time= 18.7s
[CV 2/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-491.992, test=-2903.442)
total time= 2.3s
[CV 5/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1508/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-970.567, test=-2960.758)
total time= 3.8s
[CV 2/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-469.238, test=-2998.992)
total time= 7.8s
[CV 5/5; 1509/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1509/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-426.458, test=-2925.484)
total time= 7.7s
[CV 1/5; 1511/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250
[CV 1/5; 1511/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-51.413, test=-2929.328)
total time= 18.9s
[CV 4/5; 1512/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1512/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-2.348, test=-3084.558)
total time= 37.9s
[CV 2/5; 1518/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1518/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-64.876, test=-2980.132)
total time= 18.8s
[CV 5/5; 1519/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1519/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-3.080, test=-3037.697)
total time= 37.7s
[CV 3/5; 1525/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1525/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-74.971, test=-3296.702)
total time= 19.1s
[CV 1/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2076.496, test=-2530.394)
total time= 0.8s
[CV 2/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1962.749, test=-2548.175)
total time= 0.8s
[CV 3/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1962.850, test=-2868.348)
total time= 0.8s
[CV 5/5; 1527/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1527/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1895.257, test=-2744.121)
total time= 0.8s
[CV 2/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1582.326, test=-2641.338)

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total time= 1.5s
[CV 5/5; 1528/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1528/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1539.740, test=-2830.937)
total time= 1.5s
[CV 3/5; 1529/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1529/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-920.400, test=-3146.595)
total time= 3.8s
[CV 1/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-454.353, test=-2870.516)
total time= 7.5s
[CV 4/5; 1530/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1530/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-537.912, test=-2979.621)
total time= 7.6s
[CV 5/5; 1531/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1531/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-126.902, test=-3044.307)
total time= 15.0s
[CV 3/5; 1533/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1533/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-3.206, test=-3269.577)
total time= 37.6s
[CV 3/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-124.633, test=-3257.050)
total time= 15.1s
[CV 1/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-4.033, test=-2907.467)
total time= 37.6s
[CV 2/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-163.728, test=-3032.346)
total time= 15.0s
[CV 1/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

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[CV 1/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-8.159, test=-2831.151)
total time= 38.0s
[CV 3/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-158.061, test=-3334.238)
total time= 15.1s
[CV 1/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-8.159, test=-2838.739)
total time= 37.9s
[CV 3/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-158.061, test=-3341.935)
total time= 15.2s
[CV 1/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-8.159, test=-2823.081)
total time= 37.4s
[CV 3/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-158.061, test=-3334.707)
total time= 14.9s
[CV 1/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-8.159, test=-2836.241)
total time= 37.2s
[CV 2/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2037.737, test=-2541.755)
total time= 0.8s
[CV 4/5; 1548/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1548/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1964.283, test=-2673.279)
total time= 0.7s
[CV 1/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1693.317, test=-2515.121)
total time= 1.5s

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[CV 3/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1662.133, test=-2918.406)
total time= 1.5s
[CV 1/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1056.226, test=-2710.282)
total time= 3.8s
[CV 5/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-987.353, test=-2950.371)
total time= 3.7s
[CV 3/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-535.659, test=-3244.405)
total time= 7.5s
[CV 1/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-181.289, test=-2825.187)
total time= 15.1s
[CV 4/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-111.001, test=-3080.854)
total time= 18.7s
[CV 4/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1964.283, test=-2669.729)
total time= 0.8s
[CV 1/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1693.317, test=-2515.328)
total time= 1.5s
[CV 4/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1644.793, test=-2769.008)
total time= 1.5s
[CV 2/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50;; score=(train=-1025.751, test=-2820.684)
total time= 3.7s
[CV 5/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-987.353, test=-2945.963)
total time= 3.8s
[CV 3/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-535.659, test=-3235.218)
total time= 7.5s
[CV 1/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-181.289, test=-2820.940)
total time= 15.1s
[CV 4/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-111.001, test=-3078.463)
total time= 18.8s
[CV 3/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2031.019, test=-2804.887)
total time= 0.8s
[CV 5/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1994.357, test=-2795.098)
total time= 0.8s
[CV 2/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1730.555, test=-2659.556)
total time= 1.5s
[CV 5/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1603.821, test=-2896.491)
total time= 1.5s
[CV 3/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-981.719, test=-3158.964)
total time= 3.8s
[CV 1/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100
[CV 1/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-534.847, test=-2777.472)
total time= 7.6s
[CV 4/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-610.862, test=-3059.368)
total time= 7.6s
[CV 5/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-167.453, test=-3089.460)
total time= 15.2s
[CV 3/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-6.495, test=-3323.209)
total time= 37.8s
[CV 1/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-2896.159)
total time= 23.0s
[CV 4/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2954.004)
total time= 28.6s
[CV 5/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-92.769, test=-3041.614)
total time= 19.0s
[CV 5/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-6.903, test=-3097.287)
total time= 37.0s
[CV 3/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-91.241, test=-3329.993)
total time= 18.6s
[CV 1/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2122.349, test=-2438.708)

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total time= 0.8s
[CV 2/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2037.737, test=-2531.165)
total time= 0.8s
[CV 3/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2031.019, test=-2804.887)
total time= 0.8s
[CV 5/5; 1555/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1555/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1994.357, test=-2796.883)
total time= 0.7s
[CV 2/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1730.555, test=-2669.883)
total time= 1.5s
[CV 5/5; 1556/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1556/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1603.821, test=-2887.041)
total time= 1.5s
[CV 3/5; 1557/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1557/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-981.723, test=-3152.173)
total time= 3.7s
[CV 1/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-534.847, test=-2791.070)
total time= 7.5s
[CV 4/5; 1558/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1558/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-610.862, test=-3059.851)
total time= 7.5s
[CV 5/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-167.453, test=-3088.682)
total time= 14.9s
[CV 3/5; 1561/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

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[CV 3/5; 1561/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-5.318, test=-3359.930)
total time= 37.3s
[CV 4/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-198.297, test=-3070.802)
total time= 15.1s
[CV 2/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-6.928, test=-3051.400)
total time= 37.8s
[CV 5/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.674, test=-3183.873)
total time= 11.4s
[CV 3/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3126.781)
total time= 28.6s
[CV 1/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1131.308, test=-2689.197)
total time= 1.2s
[CV 2/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-983.101, test=-2723.661)
total time= 1.1s
[CV 3/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1112.174, test=-3125.452)
total time= 1.1s
[CV 4/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1131.677, test=-2884.580)
total time= 1.2s
[CV 5/5; 1576/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1576/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1133.317, test=-2906.016)
total time= 1.2s

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[CV 1/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-522.490, test=-2787.568)
total time= 2.3s
[CV 2/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-487.708, test=-2764.476)
total time= 2.3s
[CV 3/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-442.782, test=-3191.181)
total time= 2.3s
[CV 4/5; 1577/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-490.769, test=-3056.258)
total time= 2.3s
[CV 2/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-45.717, test=-2792.382)
total time= 5.7s
[CV 5/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-58.165, test=-3051.686)
total time= 5.7s
[CV 5/5; 1535/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1535/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1539.740, test=-2836.798)
total time= 1.5s
[CV 3/5; 1536/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1536/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-920.400, test=-3144.524)
total time= 3.8s
[CV 1/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-454.353, test=-2890.941)
total time= 7.6s
[CV 4/5; 1537/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1537/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=100;; score=(train=-537.912, test=-2975.386)
total time= 7.6s
[CV 5/5; 1538/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1538/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-126.902, test=-3052.724)
total time= 15.1s
[CV 3/5; 1540/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1540/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-3.206, test=-3268.190)
total time= 37.5s
[CV 3/5; 1545/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1545/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-154.122, test=-3308.251)
total time= 14.9s
[CV 5/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-92.498, test=-3081.921)
total time= 18.8s
[CV 5/5; 1549/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1549/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1603.821, test=-2893.596)
total time= 1.5s
[CV 3/5; 1550/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1550/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-981.719, test=-3171.819)
total time= 3.7s
[CV 1/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-534.847, test=-2792.844)
total time= 7.4s
[CV 4/5; 1551/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1551/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-610.862, test=-3063.206)
total time= 7.5s
[CV 5/5; 1552/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1552/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-167.453, test=-3101.689)
total time= 14.9s
[CV 3/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 3/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-5.318, test=-3365.036)
total time= 37.0s
[CV 2/5; 1559/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1559/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-163.728, test=-3029.732)
total time= 14.9s
[CV 5/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-92.498, test=-3086.852)
total time= 18.8s
[CV 3/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1662.133, test=-2917.696)
total time= 1.5s
[CV 1/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1056.226, test=-2710.268)
total time= 3.8s
[CV 4/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1076.937, test=-2964.893)
total time= 3.8s
[CV 2/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-544.135, test=-2979.532)
total time= 7.5s
[CV 5/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-509.482, test=-3028.533)
total time= 7.5s
[CV 1/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-102.949, test=-2826.887)
total time= 18.8s
[CV 4/5; 1568/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-8.697, test=-3084.192)

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total time= 37.4s
[CV 5/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3185.228)
total time= 22.5s
[CV 2/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2942.786)
total time= 56.3s
[CV 4/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.003, test=-3075.030)
total time= 22.6s
[CV 2/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2772.873)
total time= 56.0s
[CV 4/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.033, test=-2983.568)
total time= 22.6s
[CV 1/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1546/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1546/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-102.949, test=-2829.503)
total time= 18.9s
[CV 4/5; 1547/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1547/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-8.697, test=-3098.695)
total time= 37.5s
[CV 2/5; 1553/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1553/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-92.769, test=-3052.731)
total time= 18.7s
[CV 5/5; 1554/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1554/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-6.903, test=-3090.909)
total time= 37.5s

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[CV 3/5; 1560/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 3/5; 1560/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-85.878, test=-3343.644)
total time= 19.2s

[CV 1/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 1/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2122.349, test=-2441.819)
total time= 0.8s

[CV 2/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 2/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2037.737, test=-2529.362)
total time= 0.8s

[CV 4/5; 1562/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 4/5; 1562/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1964.283, test=-2681.274)
total time= 0.7s

[CV 1/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 1/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1693.317, test=-2512.421)
total time= 1.5s

[CV 4/5; 1563/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 4/5; 1563/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1644.793, test=-2771.618)
total time= 1.5s

[CV 2/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 2/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-1025.751, test=-2837.828)
total time= 3.8s

[CV 5/5; 1564/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 5/5; 1564/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-987.353, test=-2948.011)
total time= 3.8s

[CV 3/5; 1565/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 3/5; 1565/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-535.659, test=-3240.344)
total time= 7.6s

[CV 1/5; 1566/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 1/5; 1566/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-181.289, test=-2828.028)
total time= 15.2s
[CV 4/5; 1567/2352] START learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1567/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-111.001, test=-3075.542)
total time= 18.9s
[CV 4/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1259.180, test=-2854.387)
total time= 1.2s
[CV 1/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-505.321, test=-2920.946)
total time= 2.3s
[CV 4/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-533.350, test=-2814.309)
total time= 2.3s
[CV 2/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-37.065, test=-2906.804)
total time= 5.6s
[CV 5/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-31.198, test=-3185.930)
total time= 5.6s
[CV 3/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.880, test=-3134.637)
total time= 11.4s
[CV 4/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3064.574)
total time= 23.0s
[CV 3/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3124.885)
total time= 56.4s
[CV 5/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=200
[CV 5/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-2973.495)
total time= 22.5s
[CV 3/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3238.405)
total time= 56.4s
[CV 5/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.032, test=-3186.411)
total time= 22.8s
[CV 3/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3229.328)
total time= 57.4s
[CV 5/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.196, test=-3105.273)
total time= 22.8s
[CV 3/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1.193, test=-2946.683)
total time= 11.4s
[CV 2/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2968.884)
total time= 28.3s
[CV 5/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3162.426)
total time= 56.0s
[CV 3/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3223.394)
total time= 28.5s
[CV 1/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

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[CV 1/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1210.345, test=-2629.432)
total time= 1.1s
[CV 2/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1453.681, test=-2707.124)
total time= 1.2s
[CV 3/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1128.286, test=-3090.934)
total time= 1.1s
[CV 4/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1483.635, test=-2802.406)
total time= 1.2s
[CV 5/5; 1583/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1583/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1260.952, test=-3006.870)
total time= 1.2s
[CV 1/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-609.603, test=-2717.481)
total time= 2.3s
[CV 3/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-589.445, test=-3179.975)
total time= 2.3s
[CV 5/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-574.957, test=-3111.520)
total time= 2.3s
[CV 3/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-123.319, test=-3237.719)
total time= 5.7s
[CV 1/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-10.185, test=-2739.761)
total time= 11.4s

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[CV 4/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 4/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-6.173, test=-2969.480) total time= 11.4s

[CV 2/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 2/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-0.025, test=-2865.579) total time= 22.7s

[CV 5/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 5/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-0.004, test=-3114.347) total time= 28.9s

[CV 2/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 2/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-196.493, test=-2930.022) total time= 5.8s

[CV 5/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 5/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-183.435, test=-3108.874) total time= 5.7s

[CV 3/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 3/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-26.325, test=-3194.075) total time= 11.6s

[CV 1/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 1/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-0.266, test=-2815.256) total time= 22.8s

[CV 4/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 4/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-0.037, test=-3098.424) total time= 28.5s

[CV 5/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 5/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-1303.442, test=-2935.694) total time= 1.1s

[CV 2/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=20
[CV 2/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20;; score=(train=-802.434, test=-2864.210)
total time= 2.3s
[CV 4/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-748.272, test=-2919.376)
total time= 2.2s
[CV 2/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-167.314, test=-2916.444)
total time= 5.6s
[CV 5/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-172.164, test=-3021.982)
total time= 5.7s
[CV 3/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-8.156, test=-3081.088)
total time= 11.1s
[CV 1/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1577/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-480.524, test=-2975.267)
total time= 2.3s
[CV 3/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-49.732, test=-3213.003)
total time= 5.7s
[CV 1/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1.197, test=-2792.377)
total time= 11.4s
[CV 4/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-2.404, test=-3091.815)
total time= 11.5s
[CV 2/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-2772.012)
total time= 22.6s
[CV 5/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=250
[CV 5/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2991.591)
total time= 28.2s
[CV 2/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-137.411, test=-2831.846)
total time= 5.7s
[CV 5/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-88.104, test=-3187.117)
total time= 5.6s
[CV 3/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-10.602, test=-3223.539)
total time= 11.4s
[CV 1/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.030, test=-2810.155)
total time= 22.7s
[CV 4/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3002.625)
total time= 28.3s
[CV 3/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1398.613, test=-2953.103)
total time= 1.1s
[CV 5/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1373.641, test=-3046.221)
total time= 1.1s
[CV 2/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-902.018, test=-2816.908)
total time= 2.3s
[CV 4/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-870.550, test=-2987.112)

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total time= 2.3s
[CV 1/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-247.267, test=-2843.937)
total time= 5.7s
[CV 4/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-212.843, test=-3107.787)
total time= 5.7s
[CV 2/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-17.501, test=-2937.240)
total time= 11.3s
[CV 5/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-23.293, test=-3090.801)
total time= 11.4s
[CV 1/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.054, test=-2867.574)
total time= 28.4s
[CV 4/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3115.569)
total time= 56.5s
[CV 2/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.023, test=-2932.224)
total time= 28.1s
[CV 5/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3054.648)
total time= 55.1s
[CV 3/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.006, test=-3079.020)
total time= 27.6s
[CV 1/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

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[CV 1/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1487.176, test=-2657.845)
total time= 1.1s
[CV 2/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1366.783, test=-2712.988)
total time= 1.1s
[CV 4/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1344.629, test=-2818.624)
total time= 1.1s
[CV 1/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-752.673, test=-2776.936)
total time= 2.2s
[CV 3/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-680.059, test=-3031.444)
total time= 2.2s
[CV 5/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-393.698, test=-3153.596)
total time= 2.2s
[CV 3/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-49.026, test=-3122.689)
total time= 5.7s
[CV 1/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1.584, test=-2955.720)
total time= 11.5s
[CV 2/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-2959.819)
total time= 22.8s
[CV 5/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3181.164)
total time= 28.3s
[CV 1/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

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[CV 1/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-37.532, test=-2727.633)
total time= 5.6s
[CV 4/5; 1578/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1578/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-72.522, test=-3092.053)
total time= 5.7s
[CV 2/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.767, test=-2777.973)
total time= 11.3s
[CV 5/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-1.338, test=-3046.856)
total time= 11.4s
[CV 1/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2825.228)
total time= 28.2s
[CV 4/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3067.268)
total time= 56.9s
[CV 2/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.001, test=-2843.887)
total time= 28.3s
[CV 5/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3187.528)
total time= 56.7s
[CV 3/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.048, test=-3209.132)
total time= 28.5s
[CV 1/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1487.176, test=-2654.311)
total time= 1.2s

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[CV 2/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1384.933, test=-2704.509)
total time= 1.1s
[CV 3/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1153.950, test=-2962.143)
total time= 1.1s
[CV 4/5; 1597/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1597/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1344.622, test=-2821.783)
total time= 1.1s
[CV 1/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-752.673, test=-2760.335)
total time= 2.3s
[CV 3/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-680.059, test=-3011.607)
total time= 2.2s
[CV 5/5; 1598/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1598/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-791.122, test=-3065.806)
total time= 2.3s
[CV 3/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-121.740, test=-3076.664)
total time= 5.6s
[CV 1/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-14.569, test=-2841.969)
total time= 11.2s
[CV 4/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-15.344, test=-2974.533)
total time= 11.2s
[CV 3/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200;; score=(train=-0.052, test=-3067.442)
total time= 22.1s
[CV 1/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2832.176)
total time= 55.4s
[CV 2/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.193, test=-2846.149)
total time= 22.5s
[CV 5/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.008, test=-3047.293)
total time= 27.8s
[CV 5/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-690.967, test=-3033.957)
total time= 2.2s
[CV 5/5; 1568/2352] END learning_rate=0.5, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-6.903, test=-3092.280)
total time= 37.1s
[CV 1/5; 1574/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1574/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2949.519)
total time= 28.4s
[CV 4/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3031.030)
total time= 56.3s
[CV 2/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-2786.834)
total time= 28.3s
[CV 5/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2944.531)
total time= 56.2s
[CV 3/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250;; score=(train=-0.004, test=-3233.524)
total time= 28.2s
[CV 1/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1498.689, test=-2668.594)
total time= 1.1s
[CV 2/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1478.936, test=-2696.257)
total time= 1.1s
[CV 4/5; 1590/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1590/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1519.746, test=-2797.253)
total time= 1.2s
[CV 1/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-924.207, test=-2794.613)
total time= 2.3s
[CV 3/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-850.505, test=-3078.839)
total time= 2.3s
[CV 5/5; 1591/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 1591/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-714.129, test=-3031.605)
total time= 2.2s
[CV 3/5; 1592/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 1592/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-216.082, test=-3200.044)
total time= 5.7s
[CV 1/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-27.853, test=-2839.659)
total time= 11.4s
[CV 4/5; 1593/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 1593/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-23.131, test=-3113.645)
total time= 11.4s
[CV 4/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 4/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.239, test=-3110.613)
total time= 22.5s
[CV 2/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2940.560)
total time= 56.7s
[CV 2/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.216, test=-2890.716)
total time= 22.4s
[CV 5/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.008, test=-3044.160)
total time= 28.0s
[CV 2/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-200.722, test=-2845.004)
total time= 5.7s
[CV 5/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-172.164, test=-3044.876)
total time= 5.6s
[CV 3/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-8.156, test=-3073.779)
total time= 11.0s
[CV 1/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.131, test=-2829.020)
total time= 22.2s
[CV 4/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.022, test=-2935.290)
total time= 27.9s
[CV 3/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1153.950, test=-2960.749)

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total time= 1.1s
[CV 5/5; 1611/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1611/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1301.360, test=-2962.165)
total time= 1.1s
[CV 2/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-785.517, test=-2924.148)
total time= 2.3s
[CV 4/5; 1612/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1612/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-799.672, test=-2923.751)
total time= 2.3s
[CV 2/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-176.869, test=-2878.580)
total time= 5.6s
[CV 3/5; 1579/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1579/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.997, test=-3248.006)
total time= 11.4s
[CV 1/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.002, test=-2718.212)
total time= 23.0s
[CV 4/5; 1581/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1581/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3073.377)
total time= 28.5s
[CV 2/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-732.436, test=-2809.352)
total time= 2.3s
[CV 4/5; 1584/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1584/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-862.484, test=-2877.647)
total time= 2.4s
[CV 1/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

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[CV 1/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-150.267, test=-2728.690)
total time= 5.7s

[CV 4/5; 1585/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 4/5; 1585/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-154.533, test=-2976.346)
total time= 5.8s

[CV 2/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 2/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-5.516, test=-2847.459)
total time= 11.2s

[CV 5/5; 1586/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 5/5; 1586/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-6.172, test=-3199.463)
total time= 11.3s

[CV 1/5; 1588/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 1/5; 1588/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.004, test=-2741.463)
total time= 28.3s

[CV 4/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 4/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2991.209)
total time= 56.5s

[CV 2/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 2/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.027, test=-2952.353)
total time= 28.2s

[CV 5/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 5/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3130.330)
total time= 56.6s

[CV 3/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 3/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.006, test=-3069.869)
total time= 27.4s

[CV 1/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 1/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1487.176, test=-2654.202)
total time= 1.2s

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[CV 2/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1366.783, test=-2721.951)
total time= 1.1s
[CV 3/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1153.950, test=-2962.786)
total time= 1.1s
[CV 5/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1301.360, test=-2954.687)
total time= 1.1s
[CV 2/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-844.602, test=-2795.028)
total time= 2.3s
[CV 4/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-878.391, test=-2930.964)
total time= 2.3s
[CV 1/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-181.401, test=-2820.342)
total time= 5.6s
[CV 4/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-188.163, test=-2995.119)
total time= 5.7s
[CV 2/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-16.460, test=-2876.223)
total time= 11.2s
[CV 5/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-13.696, test=-3063.598)
total time= 11.2s
[CV 1/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250;; score=(train=-0.013, test=-2845.024)
total time= 27.6s
[CV 4/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3046.189)
total time= 55.5s
[CV 2/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.026, test=-2985.658)
total time= 27.9s
[CV 5/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3055.314)
total time= 55.0s
[CV 3/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2754.051)
total time= 57.0s
[CV 2/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.224, test=-2941.077)
total time= 22.4s
[CV 5/5; 1595/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1595/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.024, test=-3115.484)
total time= 28.0s
[CV 1/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-181.401, test=-2830.005)
total time= 5.6s
[CV 4/5; 1599/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1599/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-199.248, test=-2989.172)
total time= 5.6s
[CV 2/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-14.374, test=-2867.192)
total time= 11.0s
[CV 5/5; 1600/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 5/5; 1600/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-12.879, test=-3052.088)
total time= 11.1s
[CV 1/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.013, test=-2839.905)
total time= 27.5s
[CV 4/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2978.332)
total time= 56.1s
[CV 2/5; 1609/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1609/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.017, test=-2868.334)
total time= 27.9s
[CV 5/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3042.488)
total time= 55.0s
[CV 3/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.006, test=-3077.083)
total time= 27.3s
[CV 1/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1470.551, test=-2705.769)
total time= 1.1s
[CV 2/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1607.695, test=-2668.586)
total time= 1.1s
[CV 3/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1323.207, test=-2916.642)
total time= 1.1s
[CV 4/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1457.075, test=-2805.919)

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total time= 1.1s
[CV 5/5; 1618/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1618/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1311.283, test=-2834.211)
total time= 1.1s
[CV 2/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1018.958, test=-2815.040)
total time= 2.3s
[CV 4/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-894.546, test=-2897.788)
total time= 2.3s
[CV 2/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-284.203, test=-2890.538)
total time= 5.7s
[CV 5/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-181.761, test=-3020.733)
total time= 5.6s
[CV 3/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-28.907, test=-3082.768)
total time= 11.3s
[CV 1/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.876, test=-2904.308)
total time= 22.4s
[CV 4/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.129, test=-3014.740)
total time= 28.0s
[CV 5/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1497.469, test=-2834.612)
total time= 1.1s
[CV 2/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 2/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1050.113, test=-2840.980)
total time= 2.2s

[CV 4/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 4/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1054.446, test=-2948.810)
total time= 2.3s

[CV 2/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 2/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-324.938, test=-2953.354)
total time= 5.5s

[CV 5/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 5/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-284.753, test=-3048.662)
total time= 5.5s

[CV 3/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1204.370, test=-3013.450)
total time= 1.1s

[CV 5/5; 1569/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 5/5; 1569/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1112.468, test=-3003.787)
total time= 1.1s

[CV 3/5; 1570/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 3/5; 1570/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-532.571, test=-3098.982)
total time= 2.3s

[CV 1/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 1/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-58.164, test=-2958.931)
total time= 5.7s

[CV 4/5; 1571/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 4/5; 1571/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-61.784, test=-3007.474)
total time= 5.8s

[CV 2/5; 1572/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 2/5; 1572/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-1.187, test=-2958.131)
total time= 11.4s

[CV 3/5; 1573/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 3/5; 1573/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3129.510)
total time= 22.7s

[CV 1/5; 1575/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500

[CV 1/5; 1575/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2936.433)
total time= 56.9s

[CV 3/5; 1580/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200

[CV 3/5; 1580/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3241.608)
total time= 22.7s

[CV 1/5; 1582/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500

[CV 1/5; 1582/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2748.849)
total time= 56.3s

[CV 3/5; 1587/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 3/5; 1587/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.043, test=-3203.945)
total time= 22.8s

[CV 2/5; 1589/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 2/5; 1589/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2853.271)
total time= 57.1s

[CV 3/5; 1594/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 3/5; 1594/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.348, test=-3202.601)
total time= 23.0s

[CV 1/5; 1596/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2862.995)
total time= 57.4s

[CV 4/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 4/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.199, test=-2945.940)
total time= 22.6s

[CV 2/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 2/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2906.629)
total time= 56.4s

[CV 5/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200

[CV 5/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-0.090, test=-3054.470) total time= 22.3s

[CV 3/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500

[CV 3/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3083.697) total time= 55.7s

[CV 4/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200

[CV 4/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-0.174, test=-2999.857) total time= 22.5s

[CV 2/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500

[CV 2/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2933.649) total time= 55.8s

[CV 3/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200

[CV 3/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-0.464, test=-3085.716) total time= 22.0s

[CV 1/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500

[CV 1/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2896.757) total time= 55.4s

[CV 2/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200

[CV 2/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1.782, test=-2980.178) total time= 21.6s

[CV 5/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250

[CV 5/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-0.324, test=-3093.324) total time= 27.2s

[CV 4/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20

[CV 4/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-924.594, test=-3018.677) total time= 2.2s

[CV 2/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50

[CV 2/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50;; score=(train=-324.938, test=-2945.277)
total time= 5.5s
[CV 5/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-284.753, test=-3053.911)
total time= 5.5s
[CV 3/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-48.521, test=-3284.925)
total time= 10.9s
[CV 1/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1.612, test=-2931.388)
total time= 22.0s
[CV 5/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-172.164, test=-3044.951)
total time= 5.6s
[CV 3/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-8.156, test=-3061.643)
total time= 11.0s
[CV 1/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.131, test=-2828.708)
total time= 22.3s
[CV 4/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.021, test=-3002.677)
total time= 27.9s
[CV 1/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-874.931, test=-2780.677)
total time= 2.2s
[CV 3/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-871.110, test=-2991.643)
total time= 2.3s
[CV 1/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=50
[CV 1/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-244.465, test=-2891.182)
total time= 5.6s
[CV 4/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-283.049, test=-2992.276)
total time= 5.6s
[CV 2/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-38.121, test=-2909.530)
total time= 11.2s
[CV 5/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-27.164, test=-3027.849)
total time= 11.1s
[CV 1/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.158, test=-2904.938)
total time= 27.9s
[CV 4/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3005.975)
total time= 56.0s
[CV 2/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.395, test=-2978.215)
total time= 27.2s
[CV 5/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3088.060)
total time= 53.9s
[CV 3/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.200, test=-3294.878)
total time= 27.2s
[CV 1/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1467.549, test=-2696.377)

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total time= 1.1s
[CV 2/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1595.499, test=-2713.080)
total time= 1.1s
[CV 3/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1326.153, test=-3037.634)
total time= 1.1s
[CV 5/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1497.469, test=-2837.224)
total time= 1.1s
[CV 2/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1050.113, test=-2842.849)
total time= 2.2s
[CV 4/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-924.594, test=-2995.118)
total time= 2.2s
[CV 2/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-324.938, test=-2955.493)
total time= 5.5s
[CV 5/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-284.753, test=-3052.302)
total time= 5.5s
[CV 3/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-52.556, test=-3264.354)
total time= 11.1s
[CV 1/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1.612, test=-2931.366)
total time= 21.9s
[CV 4/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

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[CV 4/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.281, test=-3171.724)
total time= 27.3s

[CV 4/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10

[CV 4/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1421.259, test=-2902.122)
total time= 1.1s

[CV 1/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 1/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-944.237, test=-2859.700)
total time= 2.2s

[CV 3/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 1/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.131, test=-2828.800)
total time= 22.2s

[CV 4/5; 1602/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 4/5; 1602/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.010, test=-2981.429)
total time= 27.9s

[CV 4/5; 1604/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 4/5; 1604/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1344.614, test=-2821.979)
total time= 1.1s

[CV 1/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 1/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-752.673, test=-2775.372)
total time= 2.2s

[CV 3/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 3/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-680.059, test=-3017.985)
total time= 2.2s

[CV 5/5; 1605/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 5/5; 1605/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-690.967, test=-3024.907)
total time= 2.2s

[CV 3/5; 1606/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 3/5; 1606/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-121.740, test=-3069.947)
total time= 5.5s

[CV 1/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 1/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-14.569, test=-2831.557)
total time= 11.0s
[CV 4/5; 1607/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 4/5; 1607/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-15.797, test=-2997.612)
total time= 11.1s
[CV 4/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 4/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-0.125, test=-3040.517)
total time= 22.0s
[CV 2/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 2/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2916.047)
total time= 54.9s
[CV 2/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 2/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-0.163, test=-2842.870)
total time= 22.3s
[CV 1/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 1/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2839.882)
total time= 55.4s
[CV 2/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200
[CV 2/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=200;; score=(train=-1.140, test=-2919.716)
total time= 22.5s
[CV 5/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 5/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-0.109, test=-3034.236)
total time= 28.1s
[CV 5/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20
[CV 5/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=20;; score=(train=-941.713, test=-2963.963)
total time= 2.2s
[CV 3/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=50
[CV 3/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50;; score=(train=-296.510, test=-3267.880)
total time= 5.5s
[CV 1/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-66.576, test=-2865.257)
total time= 11.1s
[CV 4/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-34.164, test=-3179.738)
total time= 10.9s
[CV 5/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2.047, test=-3086.880)
total time= 21.9s
[CV 3/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3296.754)
total time= 54.6s
[CV 3/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1.461, test=-3301.110)
total time= 21.9s
[CV 1/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2870.986)
total time= 55.3s
[CV 3/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2.290, test=-3313.393)
total time= 22.3s
[CV 1/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2832.813)
total time= 54.9s
[CV 2/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.782, test=-2986.397)
total time= 22.0s
[CV 5/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=250
[CV 5/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.324, test=-3090.071)
total time= 27.7s
[CV 4/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1050.671, test=-2733.623)
total time= 2.2s
[CV 2/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-487.359, test=-2913.811)
total time= 5.6s
[CV 3/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-121.740, test=-3068.280)
total time= 5.5s
[CV 1/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-14.569, test=-2838.064)
total time= 11.2s
[CV 4/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-16.832, test=-3004.090)
total time= 11.1s
[CV 5/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.090, test=-3063.811)
total time= 22.1s
[CV 3/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3074.371)
total time= 55.3s
[CV 4/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.891, test=-3007.150)
total time= 22.4s
[CV 3/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3075.024)

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total time= 55.3s
[CV 3/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-1.461, test=-3301.524)
total time= 22.2s
[CV 1/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2920.312)
total time= 55.2s
[CV 4/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1.467, test=-3172.945)
total time= 21.9s
[CV 2/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2977.142)
total time= 54.8s
[CV 2/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1.782, test=-2980.913)
total time= 21.9s
[CV 5/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.324, test=-3086.391)
total time= 27.4s
[CV 4/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-924.594, test=-2992.826)
total time= 2.2s
[CV 3/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-272.229, test=-3290.420)
total time= 5.5s
[CV 5/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-284.753, test=-3055.520)
total time= 5.5s
[CV 3/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

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[CV 3/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-38.360, test=-3299.150)
total time= 10.9s

[CV 1/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 1/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.612, test=-2920.567)
total time= 21.7s

[CV 4/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 4/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.281, test=-3176.983)
total time= 27.2s

[CV 2/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 2/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1626.856, test=-2677.608)
total time= 1.1s

[CV 4/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 4/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1594.921, test=-2668.402)
total time= 1.1s

[CV 1/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 1/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1098.111, test=-2813.292)
total time= 2.2s

[CV 3/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 3/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1091.123, test=-3184.874)
total time= 2.2s

[CV 1/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 1/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-402.641, test=-2896.438)
total time= 5.5s

[CV 4/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 4/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-427.965, test=-2864.845)
total time= 5.5s

[CV 2/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 2/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-101.170, test=-2953.838)
total time= 11.0s

[CV 5/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100

[CV 5/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-74.933, test=-3069.604) total time= 11.0s

[CV 1/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250

[CV 1/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1.235, test=-2938.819) total time= 27.3s

[CV 4/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500

[CV 3/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100

[CV 3/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=100;; score=(train=-59.234, test=-3280.393) total time= 11.1s

[CV 1/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200

[CV 1/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-1.538, test=-2828.156) total time= 21.8s

[CV 4/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250

[CV 4/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-0.281, test=-3170.434) total time= 27.0s

[CV 2/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10

[CV 2/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-1595.499, test=-2702.858) total time= 1.1s

[CV 4/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10

[CV 4/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=10;; score=(train=-1421.259, test=-2906.155) total time= 1.1s

[CV 1/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20

[CV 1/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-890.945, test=-2813.095) total time= 2.1s

[CV 3/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20

[CV 3/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-885.348, test=-3174.336) total time= 2.2s

[CV 1/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=50
[CV 1/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-312.623, test=-2869.265)
total time= 5.5s
[CV 4/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-277.642, test=-3146.500)
total time= 5.5s
[CV 2/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-51.841, test=-2969.614)
total time= 10.8s
[CV 5/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-56.753, test=-3084.614)
total time= 11.1s
[CV 1/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.328, test=-2923.581)
total time= 27.4s
[CV 4/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3178.839)
total time= 54.8s
[CV 2/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.395, test=-2988.192)
total time= 27.6s
[CV 5/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3090.559)
total time= 54.4s
[CV 3/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.438, test=-3328.691)
total time= 28.0s
[CV 1/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1613.650, test=-2708.652)

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total time= 1.1s
[CV 3/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1605.013, test=-2959.406)
total time= 1.1s
[CV 5/5; 1653/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1653/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1588.384, test=-2932.654)
total time= 1.1s
[CV 2/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1154.008, test=-2763.807)
total time= 2.2s
[CV 5/5; 1654/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1654/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1007.535, test=-3027.006)
total time= 2.2s
[CV 3/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-445.466, test=-3311.435)
total time= 5.6s
[CV 5/5; 1655/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1655/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-407.849, test=-3008.769)
total time= 5.4s
[CV 3/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-95.326, test=-3354.075)
total time= 10.9s
[CV 1/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-4.966, test=-2948.249)
total time= 21.8s
[CV 4/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.081, test=-2918.544)
total time= 26.9s
[CV 3/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

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[CV 3/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1671.400, test=-2992.206)
total time= 1.1s
[CV 5/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1524.382, test=-2856.026)
total time= 1.1s
[CV 2/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-181.401, test=-2829.540)
total time= 5.6s
[CV 4/5; 1613/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 1613/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-221.383, test=-2917.321)
total time= 5.7s
[CV 2/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-13.242, test=-2948.952)
total time= 11.1s
[CV 5/5; 1614/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1614/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-13.696, test=-3073.647)
total time= 11.2s
[CV 1/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.013, test=-2841.528)
total time= 27.7s
[CV 4/5; 1617/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1617/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3028.030)
total time= 55.7s
[CV 2/5; 1623/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.170, test=-2920.156)
total time= 28.0s
[CV 5/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3043.716)
total time= 55.4s
[CV 3/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.240, test=-3202.471)
total time= 27.4s
[CV 1/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1467.549, test=-2700.093)
total time= 1.0s
[CV 3/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1521.634, test=-3078.644)
total time= 1.1s
[CV 5/5; 1632/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1632/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1497.469, test=-2846.195)
total time= 1.1s
[CV 2/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1050.113, test=-2849.032)
total time= 2.3s
[CV 5/5; 1633/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1633/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-941.713, test=-2968.040)
total time= 2.2s
[CV 3/5; 1634/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1634/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-247.479, test=-3177.688)
total time= 5.5s
[CV 1/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-54.566, test=-2920.026)
total time= 11.1s
[CV 4/5; 1635/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1635/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-34.164, test=-3171.191)
total time= 11.0s
[CV 5/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200
[CV 5/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-2.047, test=-3093.131)
total time= 22.0s
[CV 3/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3208.382)
total time= 54.6s
[CV 4/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-1.467, test=-3173.591)
total time= 21.9s
[CV 2/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2985.486)
total time= 55.0s
[CV 3/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.375, test=-3204.289)
total time= 21.9s
[CV 1/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2826.002)
total time= 55.4s
[CV 2/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-5.675, test=-2963.876)
total time= 21.6s
[CV 5/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.105, test=-3022.806)
total time= 27.1s
[CV 3/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1091.123, test=-3194.003)
total time= 2.2s
[CV 1/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-402.641, test=-2899.444)

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total time= 5.5s
[CV 4/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-425.467, test=-2818.464)
total time= 5.5s
[CV 2/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1623/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.071, test=-3079.376)
total time= 27.9s
[CV 1/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1481.002, test=-2666.819)
total time= 1.1s
[CV 2/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1595.499, test=-2708.567)
total time= 1.1s
[CV 3/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1521.623, test=-3078.751)
total time= 1.1s
[CV 4/5; 1625/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1625/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1421.259, test=-2902.872)
total time= 1.1s
[CV 1/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-914.560, test=-2764.860)
total time= 2.2s
[CV 3/5; 1626/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1626/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-951.376, test=-3188.537)
total time= 2.2s
[CV 1/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-297.326, test=-2788.794)
total time= 5.4s
[CV 4/5; 1627/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

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[CV 4/5; 1627/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-277.642, test=-3152.298)
total time= 5.5s
[CV 2/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-51.841, test=-2974.232)
total time= 10.9s
[CV 5/5; 1628/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1628/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-56.753, test=-3089.687)
total time= 11.2s
[CV 1/5; 1630/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1630/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.287, test=-2820.476)
total time= 27.4s
[CV 4/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3175.105)
total time= 54.8s
[CV 2/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.395, test=-2987.247)
total time= 27.6s
[CV 5/5; 1638/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1638/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3073.625)
total time= 54.1s
[CV 3/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.240, test=-3208.016)
total time= 27.1s
[CV 1/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1471.315, test=-2661.714)
total time= 1.1s
[CV 2/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1595.499, test=-2706.359)
total time= 1.1s

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[CV 3/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1521.623, test=-3081.409)
total time= 1.1s
[CV 5/5; 1646/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1646/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1497.469, test=-2836.464)
total time= 1.1s
[CV 2/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1050.113, test=-2842.866)
total time= 2.2s
[CV 5/5; 1647/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-941.713, test=-2964.027)
total time= 2.2s
[CV 2/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-324.938, test=-2940.518)
total time= 5.5s
[CV 1/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-54.566, test=-2925.806)
total time= 10.9s
[CV 4/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-34.164, test=-3167.571)
total time= 10.9s
[CV 5/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-2.047, test=-3084.907)
total time= 22.3s
[CV 3/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3296.532)
total time= 55.0s
[CV 3/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200;; score=(train=-5.323, test=-3194.579)
total time= 21.9s
[CV 1/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.002, test=-2939.317)
total time= 54.4s
[CV 4/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.281, test=-3175.443)
total time= 27.3s
[CV 4/5; 1639/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1639/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1421.259, test=-2899.552)
total time= 1.1s
[CV 1/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-914.560, test=-2767.571)
total time= 2.2s
[CV 3/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-885.348, test=-3172.299)
total time= 2.2s
[CV 1/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-270.152, test=-2807.483)
total time= 5.5s
[CV 4/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-288.853, test=-3059.585)
total time= 5.5s
[CV 2/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-51.841, test=-2974.681)
total time= 11.0s
[CV 5/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-56.753, test=-3079.210)
total time= 11.2s
[CV 1/5; 1644/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=250
[CV 1/5; 1644/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.287, test=-2830.981)
total time= 27.3s
[CV 4/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3168.237)
total time= 55.0s
[CV 2/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.395, test=-2981.901)
total time= 27.7s
[CV 5/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3081.700)
total time= 54.9s
[CV 3/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-1.288, test=-3175.929)
total time= 27.1s
[CV 1/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1613.650, test=-2722.462)
total time= 1.1s
[CV 2/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1626.856, test=-2677.285)
total time= 1.1s
[CV 4/5; 1660/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1660/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1594.972, test=-2669.450)
total time= 1.1s
[CV 1/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1098.111, test=-2816.524)
total time= 2.2s
[CV 4/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1050.671, test=-2736.310)

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total time= 2.2s
[CV 2/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-487.359, test=-2907.927)
total time= 5.5s
[CV 5/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-419.983, test=-3055.120)
total time= 5.5s
[CV 3/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-83.787, test=-3207.232)
total time= 10.8s
[CV 1/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-4.966, test=-2939.913)
total time= 20.5s
[CV 4/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.273, test=-2877.657)
total time= 27.2s
[CV 2/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1626.856, test=-2680.733)
total time= 1.1s
[CV 4/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1595.008, test=-2668.019)
total time= 1.2s
[CV 1/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1098.111, test=-2824.818)
total time= 2.1s
[CV 3/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1176.405, test=-3019.985)
total time= 2.2s
[CV 1/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

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[CV 1/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-402.641, test=-2889.292)
total time= 5.4s

[CV 4/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

[CV 3/5; 1596/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3206.814)
total time= 57.3s

[CV 5/5; 1601/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 5/5; 1601/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.092, test=-3038.937)
total time= 22.2s

[CV 3/5; 1603/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 3/5; 1603/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3067.024)
total time= 55.6s

[CV 3/5; 1608/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 3/5; 1608/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.052, test=-3069.157)
total time= 22.1s

[CV 1/5; 1610/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 1/5; 1610/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2840.742)
total time= 55.3s

[CV 3/5; 1615/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200

[CV 3/5; 1615/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.052, test=-3071.472)
total time= 21.9s

[CV 5/5; 1616/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 5/5; 1616/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.009, test=-3062.790)
total time= 27.4s

[CV 5/5; 1619/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 5/5; 1619/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-860.067, test=-2930.772)
total time= 2.2s

[CV 3/5; 1620/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 3/5; 1620/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-251.503, test=-3078.861)
total time= 5.6s

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[CV 1/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-40.563, test=-2888.425)
total time= 11.2s
[CV 4/5; 1621/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1621/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-36.863, test=-3018.550)
total time= 11.2s
[CV 5/5; 1622/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1622/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.645, test=-3032.102)
total time= 22.2s
[CV 2/5; 1624/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1624/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2911.078)
total time= 55.7s
[CV 4/5; 1629/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1629/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-2.433, test=-3001.800)
total time= 22.1s
[CV 2/5; 1631/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1631/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2991.195)
total time= 54.6s
[CV 2/5; 1636/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1636/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-1.782, test=-2976.404)
total time= 21.7s
[CV 5/5; 1637/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1637/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.324, test=-3088.323)
total time= 27.1s
[CV 5/5; 1640/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1640/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-941.713, test=-2970.399)
total time= 2.2s
[CV 3/5; 1641/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1641/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50;; score=(train=-314.254, test=-3290.042)
total time= 5.5s
[CV 1/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-48.163, test=-2814.739)
total time= 11.0s
[CV 4/5; 1642/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1642/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-34.164, test=-3177.149)
total time= 10.9s
[CV 5/5; 1643/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1643/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-2.047, test=-3095.948)
total time= 22.2s
[CV 3/5; 1645/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1645/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3290.010)
total time= 55.0s
[CV 4/5; 1650/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1650/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-1.467, test=-3177.899)
total time= 21.9s
[CV 2/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-2970.453)
total time= 55.8s
[CV 4/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-5.145, test=-2850.640)
total time= 21.9s
[CV 2/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.003, test=-2964.218)
total time= 54.6s
[CV 3/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-4.547, test=-3359.815)
total time= 22.4s
[CV 1/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500
[CV 1/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.002, test=-2941.186)
total time= 54.6s
[CV 2/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-5.675, test=-2958.570)
total time= 21.7s
[CV 5/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.153, test=-3066.707)
total time= 26.8s
[CV 5/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-994.343, test=-2979.218)
total time= 2.1s
[CV 3/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-445.466, test=-3310.443)
total time= 5.5s
[CV 5/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-407.849, test=-2989.693)
total time= 5.4s
[CV 3/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-93.628, test=-3184.390)
total time= 10.8s
[CV 1/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-4.966, test=-2937.695)
total time= 21.5s
[CV 4/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.254, test=-2843.132)
total time= 26.9s
[CV 3/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1696.599, test=-2997.250)

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total time= 1.1s
[CV 5/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1521.421, test=-2840.867)
total time= 1.1s
[CV 2/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1154.008, test=-2773.711)
total time= 2.2s
[CV 4/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1050.565, test=-2749.455)
total time= 2.1s
[CV 2/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-376.020, test=-3008.963)
total time= 5.4s
[CV 5/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-407.849, test=-3009.411)
total time= 5.4s
[CV 3/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-84.339, test=-3269.463)
total time= 10.8s
[CV 1/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-4.966, test=-2934.750)
total time= 21.5s
[CV 4/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.081, test=-2914.363)
total time= 27.1s
[CV 1/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1948.895, test=-2754.133)
total time= 1.0s
[CV 3/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 3/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1939.503, test=-3011.316)
total time= 1.0s
[CV 5/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1880.762, test=-2974.147)
total time= 1.0s
[CV 2/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1444.368, test=-3066.355)
total time= 2.4s
[CV 5/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1387.230, test=-3155.182)
total time= 2.5s
[CV 3/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-859.221, test=-3315.523)
total time= 5.0s
[CV 1/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-368.388, test=-3044.092)
total time= 9.8s
[CV 4/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-419.313, test=-3211.027)
total time= 9.9s
[CV 5/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-237.339, test=-3319.719)
total time= 12.2s
[CV 2/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2209.258, test=-2671.079)
total time= 0.5s
[CV 4/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2248.647, test=-2612.715)
total time= 0.5s

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[CV 1/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=20

[CV 3/5; 1647/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-957.460, test=-3164.474) total time= 2.2s

[CV 1/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50

[CV 1/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-282.914, test=-2911.113) total time= 5.5s

[CV 4/5; 1648/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50

[CV 4/5; 1648/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=50;; score=(train=-277.642, test=-3148.340) total time= 5.5s

[CV 2/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100

[CV 2/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-51.841, test=-2974.721) total time= 10.9s

[CV 5/5; 1649/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100

[CV 5/5; 1649/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=100;; score=(train=-56.753, test=-3082.735) total time= 11.1s

[CV 1/5; 1651/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250

[CV 1/5; 1651/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.287, test=-2827.230) total time= 27.4s

[CV 4/5; 1652/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500

[CV 4/5; 1652/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3161.503) total time= 55.0s

[CV 2/5; 1658/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250

[CV 2/5; 1658/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-1.515, test=-2960.845) total time= 27.4s

[CV 5/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500

[CV 5/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3137.947) total time= 54.4s

[CV 3/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250

[CV 3/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250;; score=(train=-1.152, test=-3283.372)
total time= 27.3s
[CV 1/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1613.650, test=-2725.722)
total time= 1.1s
[CV 3/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1671.400, test=-2986.457)
total time= 1.1s
[CV 5/5; 1667/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1667/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1521.421, test=-2846.471)
total time= 1.2s
[CV 2/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1154.008, test=-2759.560)
total time= 2.2s
[CV 4/5; 1668/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1668/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1050.543, test=-2749.208)
total time= 2.1s
[CV 2/5; 1669/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-487.359, test=-2902.997)
total time= 5.6s
[CV 1/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-94.260, test=-2934.386)
total time= 10.9s
[CV 4/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-82.460, test=-2866.452)
total time= 10.9s
[CV 5/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-4.419, test=-3068.662)
total time= 21.5s
[CV 3/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500
[CV 3/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3175.006)
total time= 53.5s
[CV 2/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-5.675, test=-2965.927)
total time= 21.7s
[CV 1/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-2932.973)
total time= 54.5s
[CV 2/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-242.789, test=-3250.711)
total time= 12.1s
[CV 4/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-42.877, test=-3255.628)
total time= 24.5s
[CV 3/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-258.641, test=-3532.142)
total time= 12.2s
[CV 1/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2191.676, test=-2478.293)
total time= 0.5s
[CV 2/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2226.429, test=-2571.254)
total time= 0.5s
[CV 4/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2227.428, test=-2617.582)
total time= 0.5s
[CV 1/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1946.263, test=-2524.184)

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total time= 1.0s
[CV 2/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1154.008, test=-2764.348)
total time= 2.2s
[CV 5/5; 1661/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1661/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1044.447, test=-2952.977)
total time= 2.2s
[CV 3/5; 1662/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1662/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-445.466, test=-3316.803)
total time= 5.5s
[CV 1/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-94.260, test=-2936.766)
total time= 10.9s
[CV 4/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-85.031, test=-2835.623)
total time= 10.6s
[CV 5/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-4.771, test=-3033.743)
total time= 21.8s
[CV 3/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3189.029)
total time= 53.7s
[CV 2/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-5.675, test=-2961.681)
total time= 21.6s
[CV 5/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.242, test=-3147.100)
total time= 27.0s
[CV 5/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1006.489, test=-2896.187)

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total time= 2.2s
[CV 3/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-445.466, test=-3317.435)
total time= 5.5s
[CV 1/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-94.260, test=-2934.299)
total time= 11.0s
[CV 4/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-82.460, test=-2880.495)
total time= 10.8s
[CV 5/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-4.771, test=-3022.653)
total time= 21.5s
[CV 3/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3357.120)
total time= 53.7s
[CV 4/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-275.798, test=-3242.551)
total time= 12.2s
[CV 1/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2191.496, test=-2535.268)
total time= 0.5s
[CV 3/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2201.971, test=-2818.825)
total time= 0.5s
[CV 5/5; 1688/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 1688/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2126.856, test=-2806.485)
total time= 0.5s
[CV 3/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

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[CV 3/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1939.503, test=-3011.316)
total time= 1.0s
[CV 1/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1418.813, test=-2899.824)
total time= 2.5s
[CV 4/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1411.503, test=-3004.111)
total time= 2.5s
[CV 2/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-893.281, test=-3094.412)
total time= 4.9s
[CV 5/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-914.573, test=-3006.085)
total time= 4.9s
[CV 4/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-395.983, test=-3293.997)
total time= 9.8s
[CV 2/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-33.219, test=-3322.341)
total time= 24.4s
[CV 3/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-413.768, test=-3390.429)
total time= 9.9s
[CV 1/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-49.705, test=-2983.792)
total time= 24.4s
[CV 2/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-495.449, test=-3183.035)
total time= 9.8s

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[CV 4/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.002, test=-2842.481)
total time= 55.0s
[CV 2/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.515, test=-2951.206)
total time= 27.1s
[CV 5/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3076.777)
total time= 53.1s
[CV 3/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.073, test=-3357.351)
total time= 26.9s
[CV 1/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1613.650, test=-2719.127)
total time= 1.1s
[CV 2/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1626.856, test=-2673.651)
total time= 1.1s
[CV 4/5; 1674/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1674/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1594.921, test=-2670.347)
total time= 1.1s
[CV 1/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1098.111, test=-2824.576)
total time= 2.1s
[CV 3/5; 1675/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1675/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1176.405, test=-3020.660)
total time= 2.2s
[CV 1/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-402.641, test=-2899.262)
total time= 5.4s

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[CV 4/5; 1676/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1676/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-378.388, test=-2837.330)
total time= 5.4s
[CV 2/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-101.170, test=-2960.160)
total time= 10.8s
[CV 5/5; 1677/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1677/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-86.683, test=-3030.309)
total time= 10.7s
[CV 1/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.235, test=-2945.400)
total time= 27.1s
[CV 4/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-2856.123)
total time= 54.5s
[CV 3/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-33.807, test=-3411.064)
total time= 24.3s
[CV 1/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-268.228, test=-3160.138)
total time= 12.3s
[CV 4/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-37.308, test=-3292.070)
total time= 24.6s
[CV 3/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-299.401, test=-3407.894)
total time= 12.3s
[CV 1/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=10;; score=(train=-2211.344, test=-2545.535)
total time= 0.5s
[CV 3/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2209.267, test=-2848.886)
total time= 0.5s
[CV 1/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2029.555, test=-2713.508)
total time= 1.0s
[CV 4/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1993.912, test=-2689.687)
total time= 1.0s
[CV 2/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1541.391, test=-2860.726)
total time= 2.5s
[CV 5/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1479.264, test=-3060.162)
total time= 2.5s
[CV 3/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-949.547, test=-3459.200)
total time= 4.9s
[CV 1/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-502.564, test=-3310.696)
total time= 9.9s
[CV 3/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-320.435, test=-3429.048)
total time= 12.4s
[CV 1/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2248.584, test=-2599.693)
total time= 0.5s
[CV 1/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100
[CV 1/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-94.260, test=-2929.517)
total time= 11.0s
[CV 4/5; 1656/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1656/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-85.031, test=-2835.904)
total time= 10.9s
[CV 5/5; 1657/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1657/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-4.419, test=-3073.652)
total time= 21.9s
[CV 3/5; 1659/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1659/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3267.166)
total time= 54.4s
[CV 4/5; 1664/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 1664/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-4.295, test=-2885.245)
total time= 22.3s
[CV 2/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.003, test=-2961.734)
total time= 54.6s
[CV 4/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-5.145, test=-2850.141)
total time= 21.7s
[CV 2/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.003, test=-2960.004)
total time= 54.1s
[CV 4/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-4.295, test=-2882.734)
total time= 21.5s
[CV 5/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.153, test=-3067.788)

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total time= 27.1s
[CV 3/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1398.612, test=-3151.460)
total time= 2.5s
[CV 1/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-870.034, test=-2986.778)
total time= 4.9s
[CV 4/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-883.909, test=-3072.071)
total time= 4.9s
[CV 2/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-366.886, test=-3184.203)
total time= 9.8s
[CV 5/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-354.670, test=-3307.153)
total time= 9.8s
[CV 1/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-33.897, test=-3100.609)
total time= 24.3s
[CV 2/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-367.528, test=-3248.526)
total time= 9.8s
[CV 5/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-263.070, test=-3136.101)
total time= 12.2s
[CV 3/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1941.925, test=-2985.198)
total time= 1.0s
[CV 1/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

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[CV 1/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1390.073, test=-2755.310)
total time= 2.5s
[CV 4/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1417.076, test=-2892.067)
total time= 2.5s
[CV 2/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-998.287, test=-3031.226)
total time= 4.9s
[CV 5/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-960.072, test=-3191.898)
total time= 4.9s
[CV 1/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-310.060, test=-2961.531)
total time= 12.4s
[CV 4/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-63.581, test=-3197.949)
total time= 24.5s
[CV 2/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-364.364, test=-3241.427)
total time= 12.1s
[CV 5/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-74.440, test=-3359.870)
total time= 24.1s
[CV 3/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-345.369, test=-3427.681)
total time= 12.1s
[CV 1/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-78.347, test=-3041.813)
total time= 10.8s

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[CV 5/5; 1663/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1663/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-94.988, test=-3063.524)
total time= 11.7s
[CV 1/5; 1665/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1665/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-1.235, test=-2932.760)
total time= 27.2s
[CV 4/5; 1666/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1666/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.002, test=-2848.932)
total time= 54.4s
[CV 2/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.982, test=-3048.700)
total time= 26.7s
[CV 5/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3073.514)
total time= 53.0s
[CV 3/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-1.073, test=-3359.892)
total time= 26.9s
[CV 1/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2191.496, test=-2535.268)
total time= 0.5s
[CV 2/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2221.731, test=-2621.469)
total time= 0.5s
[CV 3/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2201.971, test=-2814.114)
total time= 0.5s
[CV 4/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=10;; score=(train=-2244.340, test=-2591.948)
total time= 0.5s
[CV 5/5; 1681/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1681/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2131.760, test=-2834.600)
total time= 0.5s
[CV 2/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1984.417, test=-2824.092)
total time= 1.0s
[CV 4/5; 1682/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1682/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1927.609, test=-2769.845)
total time= 1.0s
[CV 1/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1402.533, test=-2838.776)
total time= 2.4s
[CV 4/5; 1683/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1683/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1441.046, test=-2956.610)
total time= 2.4s
[CV 2/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-908.264, test=-3155.250)
total time= 4.9s
[CV 5/5; 1684/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 1684/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-850.921, test=-3254.690)
total time= 4.9s
[CV 3/5; 1685/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1685/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-373.865, test=-3405.382)
total time= 9.8s
[CV 1/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-246.502, test=-3113.390)
total time= 12.1s
[CV 2/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=500
[CV 2/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-38.295, test=-3241.243)
total time= 24.2s
[CV 5/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-389.336, test=-3086.841)
total time= 9.7s
[CV 3/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-38.951, test=-3546.397)
total time= 24.5s
[CV 5/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-453.284, test=-3301.419)
total time= 9.9s
[CV 3/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-54.505, test=-3430.268)
total time= 24.4s
[CV 4/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-492.607, test=-3153.535)
total time= 9.8s
[CV 2/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-77.459, test=-3296.319)
total time= 24.4s
[CV 3/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-472.399, test=-3425.555)
total time= 9.8s
[CV 1/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-73.665, test=-3122.690)
total time= 24.3s
[CV 4/5; 1669/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-427.965, test=-2868.678)
total time= 5.5s
[CV 2/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100
[CV 2/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-101.170, test=-2961.567)
total time= 10.9s
[CV 5/5; 1670/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1670/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-74.933, test=-3055.913)
total time= 10.7s
[CV 1/5; 1672/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1672/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-1.235, test=-2937.089)
total time= 26.9s
[CV 4/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.002, test=-2884.364)
total time= 54.0s
[CV 2/5; 1679/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1679/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.982, test=-3055.084)
total time= 26.9s
[CV 5/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3056.457)
total time= 53.5s
[CV 2/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1960.562, test=-2762.700)
total time= 1.0s
[CV 5/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1914.854, test=-2832.494)
total time= 1.0s
[CV 3/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1449.988, test=-3258.888)
total time= 2.5s
[CV 1/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-893.811, test=-3019.091)

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total time= 4.9s
[CV 4/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-924.474, test=-3110.838)
total time= 5.0s
[CV 3/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-391.398, test=-3539.396)
total time= 9.8s
[CV 1/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-38.713, test=-3163.070)
total time= 24.4s
[CV 2/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-443.253, test=-3179.219)
total time= 9.9s
[CV 5/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-308.857, test=-3294.498)
total time= 12.4s
[CV 5/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2127.531, test=-2823.475)
total time= 0.5s
[CV 3/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1927.090, test=-3081.251)
total time= 1.0s
[CV 1/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1524.022, test=-2923.197)
total time= 2.4s
[CV 4/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1481.247, test=-2989.493)
total time= 2.5s
[CV 2/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

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[CV 2/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1016.372, test=-3034.077)
total time= 4.9s
[CV 5/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-984.973, test=-3208.317)
total time= 5.2s
[CV 1/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-359.982, test=-3352.949)
total time= 12.3s
[CV 4/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-77.549, test=-3199.633)
total time= 24.4s
[CV 2/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-335.414, test=-3258.574)
total time= 12.1s
[CV 5/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-77.568, test=-3238.200)
total time= 24.2s
[CV 3/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-345.369, test=-3403.610)
total time= 12.0s
[CV 1/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2248.584, test=-2599.033)
total time= 0.5s
[CV 2/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2227.180, test=-2567.949)
total time= 0.5s
[CV 3/5; 1671/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 1671/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-4.606, test=-3274.968)
total time= 21.8s

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[CV 1/5; 1673/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 1/5; 1673/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-0.002, test=-2927.287)
total time= 54.0s

[CV 3/5; 1678/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 3/5; 1678/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-4.606, test=-3274.756)
total time= 21.7s

[CV 2/5; 1680/2352] START learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 2/5; 1680/2352] END learning_rate=0.5, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-2952.552)
total time= 55.2s

[CV 3/5; 1686/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 3/5; 1686/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-244.945, test=-3415.815)
total time= 12.3s

[CV 5/5; 1687/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500
[CV 5/5; 1687/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=500;; score=(train=-32.523, test=-3336.413)
total time= 24.5s

[CV 4/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250
[CV 4/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-265.712, test=-3256.999)
total time= 12.2s

[CV 3/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10
[CV 3/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10;; score=(train=-2204.219, test=-2853.960)
total time= 0.5s

[CV 5/5; 1695/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10
[CV 5/5; 1695/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=10;; score=(train=-2139.104, test=-2819.191)
total time= 0.5s

[CV 2/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 2/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20;; score=(train=-1971.441, test=-2740.495)
total time= 1.0s

[CV 5/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=10, n_estimators=20
[CV 5/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=20;; score=(train=-1893.620, test=-2886.021)
total time= 1.0s
[CV 3/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1412.208, test=-3169.835)
total time= 2.5s
[CV 1/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-939.579, test=-2776.744)
total time= 4.9s
[CV 4/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-937.676, test=-3034.830)
total time= 4.9s
[CV 4/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-475.294, test=-3138.981)
total time= 9.9s
[CV 2/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-54.722, test=-3192.615)
total time= 24.4s
[CV 3/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-456.377, test=-3466.574)
total time= 9.7s
[CV 1/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-71.053, test=-3365.039)
total time= 24.7s
[CV 2/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-473.990, test=-3201.711)
total time= 9.8s
[CV 5/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-354.082, test=-3233.837)
total time= 12.2s
[CV 4/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=20
[CV 4/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1960.713, test=-2814.638)
total time= 1.0s
[CV 2/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1512.850, test=-2919.470)
total time= 2.5s
[CV 5/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1455.332, test=-3007.277)
total time= 2.5s
[CV 3/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1015.064, test=-3289.792)
total time= 5.0s
[CV 1/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-484.822, test=-3093.380)
total time= 9.9s
[CV 4/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-356.045, test=-3230.720)
total time= 12.3s
[CV 5/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2157.726, test=-2796.622)
total time= 0.5s
[CV 2/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2006.315, test=-2648.122)
total time= 1.0s
[CV 5/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1965.405, test=-2760.545)
total time= 1.0s
[CV 4/5; 1689/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1689/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1973.807, test=-2735.642)

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total time= 1.0s
[CV 2/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1449.930, test=-2917.051)
total time= 2.5s
[CV 5/5; 1690/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1690/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1405.250, test=-2950.864)
total time= 2.5s
[CV 3/5; 1691/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1691/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-911.654, test=-3436.005)
total time= 4.9s
[CV 1/5; 1692/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1692/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-411.166, test=-3116.461)
total time= 9.8s
[CV 2/5; 1693/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1693/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-240.189, test=-3306.364)
total time= 12.2s
[CV 5/5; 1694/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1694/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-39.789, test=-3125.457)
total time= 24.4s
[CV 4/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-335.584, test=-3141.762)
total time= 12.3s
[CV 2/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2223.859, test=-2618.289)
total time= 0.5s
[CV 4/5; 1702/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1702/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2233.079, test=-2617.721)
total time= 0.5s
[CV 2/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

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[CV 2/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-2022.090, test=-2690.864)
total time= 1.0s

[CV 5/5; 1703/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 5/5; 1703/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1902.677, test=-2877.224)
total time= 1.0s

[CV 3/5; 1704/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 3/5; 1704/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1473.520, test=-3260.774)
total time= 2.5s

[CV 1/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 1/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-1055.157, test=-3088.490)
total time= 4.9s

[CV 4/5; 1705/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 4/5; 1705/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-994.938, test=-3023.851)
total time= 4.9s

[CV 5/5; 1706/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 5/5; 1706/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-506.644, test=-3306.590)
total time= 9.8s

[CV 3/5; 1708/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 3/5; 1708/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-60.061, test=-3496.148)
total time= 24.4s

[CV 4/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 4/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-497.872, test=-3195.664)
total time= 9.7s

[CV 2/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 2/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-71.463, test=-3276.270)
total time= 24.2s

[CV 3/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

[CV 3/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-472.399, test=-3417.722)
total time= 9.8s

[CV 1/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 1/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-73.665, test=-3129.213)
total time= 24.2s

[CV 2/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200
[CV 2/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-473.990, test=-3195.474)
total time= 9.7s

[CV 5/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 5/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-354.082, test=-3231.620)
total time= 12.1s

[CV 2/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 2/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-2017.851, test=-2617.030)
total time= 1.0s

[CV 5/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=20
[CV 5/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-1920.159, test=-2975.043)
total time= 1.0s

[CV 3/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50
[CV 3/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-1464.164, test=-3157.147)
total time= 2.5s

[CV 1/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 1/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100;; score=(train=-1046.160, test=-3037.095)
total time= 4.9s

[CV 4/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=15, n_estimators=100
[CV 5/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=250
[CV 5/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2, min_samples_split=15, n_estimators=250;; score=(train=-357.077, test=-3367.083)
total time= 12.2s

[CV 5/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=10
[CV 5/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5, min_samples_split=2, n_estimators=10;; score=(train=-2157.726, test=-2796.622)
total time= 0.5s

[CV 3/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,


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min_samples_split=2, n_estimators=20
[CV 3/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2017.227, test=-2928.040)
total time= 1.0s
[CV 1/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1496.729, test=-2876.937)
total time= 2.5s
[CV 4/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1472.446, test=-2978.853)
total time= 2.4s
[CV 2/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-997.141, test=-3092.130)
total time= 4.8s
[CV 5/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-968.565, test=-3093.335)
total time= 4.9s
[CV 1/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-348.168, test=-3122.877)
total time= 12.2s
[CV 4/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-81.087, test=-3278.159)
total time= 24.3s
[CV 2/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-335.414, test=-3255.955)
total time= 12.2s
[CV 5/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-77.568, test=-3253.453)
total time= 24.2s
[CV 3/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-345.369, test=-3414.071)

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total time= 12.1s
[CV 1/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2251.888, test=-2582.768)
total time= 0.5s
[CV 2/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2257.423, test=-2548.516)
total time= 0.5s
[CV 4/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2201.602, test=-2727.564)
total time= 0.5s
[CV 1/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2025.124, test=-2644.497)
total time= 1.0s
[CV 4/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1989.016, test=-2873.473)
total time= 1.0s
[CV 2/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1547.122, test=-2842.268)
total time= 2.5s
[CV 5/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1529.303, test=-3169.588)
total time= 2.4s
[CV 3/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-991.430, test=-3292.028)
total time= 4.8s
[CV 1/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-570.994, test=-3234.488)
total time= 9.7s
[CV 4/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

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[CV 4/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-390.393, test=-3235.997)
total time= 12.1s

[CV 4/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 4/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2184.962, test=-2674.725)
total time= 0.5s

[CV 5/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 5/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2181.562, test=-2772.454)
total time= 0.5s

[CV 2/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 2/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-2066.798, test=-2718.219)
total time= 1.0s

[CV 5/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

[CV 5/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1966.371, test=-2806.261)
total time= 1.0s

[CV 3/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 3/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1518.144, test=-3098.960)
total time= 2.4s

[CV 1/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 1/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1036.167, test=-2921.385)
total time= 4.8s

[CV 4/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 4/5; 1696/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

[CV 4/5; 1696/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1946.618, test=-2685.129)
total time= 1.0s

[CV 2/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 2/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1469.444, test=-2881.599)
total time= 2.4s

[CV 5/5; 1697/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 5/5; 1697/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50;; score=(train=-1405.406, test=-3110.940)
total time= 2.5s
[CV 3/5; 1698/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1698/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-912.952, test=-3328.465)
total time= 4.9s
[CV 1/5; 1699/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1699/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-460.343, test=-2946.117)
total time= 9.8s
[CV 2/5; 1700/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1700/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-303.213, test=-3170.519)
total time= 12.3s
[CV 5/5; 1701/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1701/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-58.379, test=-3307.046)
total time= 24.4s
[CV 4/5; 1707/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 1707/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-345.961, test=-3176.992)
total time= 12.2s
[CV 3/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2219.513, test=-2836.535)
total time= 0.5s
[CV 1/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2003.164, test=-2630.512)
total time= 1.0s
[CV 4/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1960.713, test=-2812.594)
total time= 1.0s
[CV 2/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1512.850, test=-2918.690)
total time= 2.5s
[CV 5/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=50
[CV 5/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1455.332, test=-3013.714)
total time= 2.4s
[CV 3/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1015.064, test=-3270.155)
total time= 4.9s
[CV 1/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-484.822, test=-3115.409)
total time= 9.7s
[CV 4/5; 1714/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 1714/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-356.045, test=-3246.531)
total time= 12.1s
[CV 2/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2006.315, test=-2653.073)
total time= 1.0s
[CV 5/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1908.701, test=-2904.910)
total time= 1.0s
[CV 3/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1514.470, test=-3198.931)
total time= 2.4s
[CV 1/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1011.416, test=-3027.438)
total time= 4.8s
[CV 4/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-976.596, test=-3088.156)
total time= 4.8s
[CV 4/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-497.872, test=-3225.546)

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total time= 9.7s
[CV 2/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-71.463, test=-3257.366)
total time= 23.9s
[CV 3/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-472.399, test=-3407.807)
total time= 9.6s
[CV 1/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-73.665, test=-3134.085)
total time= 24.4s
[CV 2/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-540.177, test=-3091.055)
total time= 9.8s
[CV 1/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-95.931, test=-3336.160)
total time= 24.5s
[CV 2/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-588.922, test=-3191.015)
total time= 9.7s
[CV 5/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2227.180, test=-2550.791)
total time= 0.5s
[CV 4/5; 1709/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1709/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2178.096, test=-2687.140)
total time= 0.5s
[CV 2/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-2006.315, test=-2660.824)
total time= 1.0s

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[CV 5/5; 1710/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1710/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1908.701, test=-2904.910)
total time= 1.0s
[CV 3/5; 1711/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1711/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1514.470, test=-3214.406)
total time= 2.4s
[CV 1/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1011.416, test=-3029.078)
total time= 4.9s
[CV 4/5; 1712/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1712/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-976.596, test=-3068.393)
total time= 4.9s
[CV 5/5; 1713/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1713/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-493.945, test=-3210.409)
total time= 9.7s
[CV 3/5; 1715/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1715/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-78.482, test=-3463.713)
total time= 24.3s
[CV 5/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-493.945, test=-3229.164)
total time= 9.6s
[CV 3/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-78.482, test=-3466.490)
total time= 24.1s
[CV 4/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-497.872, test=-3188.282)
total time= 9.7s
[CV 2/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500;; score=(train=-71.463, test=-3266.828)
total time= 24.0s
[CV 3/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-510.790, test=-3418.143)
total time= 9.7s
[CV 5/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-426.040, test=-3319.992)
total time= 12.1s
[CV 3/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1971.406, test=-2894.726)
total time= 1.0s
[CV 2/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1576.405, test=-2930.483)
total time= 2.4s
[CV 5/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1507.339, test=-2981.232)
total time= 2.4s
[CV 3/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1007.127, test=-3350.693)
total time= 4.8s
[CV 1/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-564.482, test=-3047.700)
total time= 9.6s
[CV 4/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-428.622, test=-3083.363)
total time= 12.0s
[CV 3/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2204.383, test=-2833.319)
total time= 0.5s
[CV 5/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10
[CV 5/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2181.562, test=-2772.454)
total time= 0.5s
[CV 2/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-2066.798, test=-2728.815)
total time= 1.0s
[CV 5/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1966.371, test=-2815.074)
total time= 1.0s
[CV 3/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1476.112, test=-3187.332)
total time= 2.3s
[CV 5/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1507.339, test=-2968.716)
total time= 2.4s
[CV 3/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1055.822, test=-3303.120)
total time= 4.9s
[CV 5/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2219.513, test=-2836.535)
total time= 0.5s
[CV 4/5; 1723/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 1723/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2178.096, test=-2698.263)
total time= 0.5s
[CV 1/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2003.164, test=-2636.139)
total time= 1.0s
[CV 4/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

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[CV 4/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1960.713, test=-2812.594)
total time= 1.0s
[CV 2/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1512.850, test=-2919.309)
total time= 2.5s
[CV 5/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1455.332, test=-3014.368)
total time= 2.4s
[CV 3/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1015.064, test=-3283.044)
total time= 4.9s
[CV 1/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-484.822, test=-3099.366)
total time= 9.7s
[CV 4/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-356.045, test=-3235.079)
total time= 12.2s
[CV 3/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2167.692, test=-2844.417)
total time= 0.5s
[CV 5/5; 1730/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1730/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2145.986, test=-2861.540)
total time= 0.5s
[CV 3/5; 1731/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1731/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1949.202, test=-2957.792)
total time= 1.0s
[CV 1/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1563.780, test=-2839.604)
total time= 2.4s

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[CV 4/5; 1732/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1732/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1484.545, test=-3092.894)
total time= 2.4s
[CV 2/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1066.737, test=-2999.652)
total time= 4.9s
[CV 5/5; 1733/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1052.927, test=-3244.514)
total time= 4.8s
[CV 1/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-433.184, test=-3259.671)
total time= 12.1s
[CV 4/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-97.440, test=-3255.429)
total time= 24.2s
[CV 2/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-444.399, test=-3230.324)
total time= 12.0s
[CV 5/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-115.755, test=-3242.254)
total time= 24.1s
[CV 3/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-401.628, test=-3505.649)
total time= 12.1s
[CV 1/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2278.583, test=-2485.560)
total time= 0.5s
[CV 2/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10;; score=(train=-2294.892, test=-2609.200)
total time= 0.5s
[CV 3/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2204.383, test=-2833.319)
total time= 0.5s
[CV 4/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2184.962, test=-2671.981)
total time= 0.5s
[CV 1/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1996.557, test=-2603.560)
total time= 1.0s
[CV 3/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1947.178, test=-2946.659)
total time= 1.0s
[CV 1/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1473.554, test=-2780.934)
total time= 2.4s
[CV 1/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2248.584, test=-2599.033)
total time= 0.5s
[CV 2/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2227.180, test=-2558.694)
total time= 0.5s
[CV 3/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2219.513, test=-2838.786)
total time= 0.5s
[CV 4/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2178.096, test=-2682.031)
total time= 0.5s
[CV 5/5; 1716/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 1716/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=10;; score=(train=-2157.726, test=-2796.622)
total time= 0.5s
[CV 1/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2003.164, test=-2641.152)
total time= 1.0s
[CV 3/5; 1717/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1717/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-2017.227, test=-2932.600)
total time= 1.0s
[CV 1/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1496.729, test=-2898.401)
total time= 2.4s
[CV 4/5; 1718/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1718/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1472.446, test=-2990.275)
total time= 2.4s
[CV 2/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-997.141, test=-3070.077)
total time= 4.9s
[CV 5/5; 1719/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1719/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-968.565, test=-3098.383)
total time= 4.9s
[CV 1/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-348.168, test=-3129.032)
total time= 12.3s
[CV 4/5; 1722/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1722/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-81.087, test=-3294.950)
total time= 24.5s
[CV 2/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-335.414, test=-3225.882)
total time= 12.2s
[CV 5/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,

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min_samples_split=10, n_estimators=500
[CV 5/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-77.568, test=-3249.556)
total time= 24.2s
[CV 3/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-371.537, test=-3405.858)
total time= 12.1s
[CV 1/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2278.583, test=-2494.245)
total time= 0.5s
[CV 2/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2294.892, test=-2609.200)
total time= 0.5s
[CV 3/5; 1737/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1737/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2204.383, test=-2833.319)
total time= 0.5s
[CV 1/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1996.557, test=-2592.851)
total time= 1.0s
[CV 4/5; 1738/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1738/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1971.031, test=-2762.128)
total time= 0.9s
[CV 1/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1473.554, test=-2791.627)
total time= 2.4s
[CV 4/5; 1739/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1739/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1500.343, test=-2868.972)
total time= 2.4s
[CV 2/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1102.787, test=-3045.952)

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total time= 4.8s
[CV 5/5; 1740/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1061.240, test=-3051.266)
total time= 4.8s
[CV 1/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-414.345, test=-3080.222)
total time= 12.0s
[CV 4/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-122.919, test=-3076.183)
total time= 24.1s
[CV 2/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-444.399, test=-3198.710)
total time= 12.0s
[CV 5/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-115.755, test=-3220.764)
total time= 24.1s
[CV 2/5; 1720/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1720/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-473.990, test=-3224.339)
total time= 9.4s
[CV 5/5; 1721/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1721/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-354.082, test=-3226.872)
total time= 12.1s
[CV 3/5; 1724/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-2017.227, test=-2927.145)
total time= 1.0s
[CV 1/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1496.729, test=-2893.353)
total time= 2.4s
[CV 4/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

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[CV 4/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1472.446, test=-2981.969)
total time= 2.5s

[CV 2/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 2/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-997.141, test=-3086.234)
total time= 4.9s

[CV 5/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 5/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-968.565, test=-3106.362)
total time= 4.9s

[CV 1/5; 1728/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 1/5; 1728/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-348.168, test=-3123.479)
total time= 12.1s

[CV 4/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 4/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-81.087, test=-3294.649)
total time= 24.4s

[CV 2/5; 1735/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 2/5; 1735/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-383.186, test=-3110.425)
total time= 12.0s

[CV 5/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 5/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-96.389, test=-3355.765)
total time= 24.3s

[CV 3/5; 1742/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 3/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-420.498, test=-3480.185)
total time= 12.2s

[CV 1/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 1/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2278.583, test=-2491.450)
total time= 0.5s

[CV 2/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 2/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2294.892, test=-2609.200)
total time= 0.5s


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[CV 4/5; 1744/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1744/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2184.962, test=-2655.146)
total time= 0.5s
[CV 1/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1996.557, test=-2583.383)
total time= 1.0s
[CV 4/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1971.031, test=-2748.759)
total time= 1.0s
[CV 2/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1576.405, test=-2934.580)
total time= 2.5s
[CV 1/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1036.167, test=-2903.406)
total time= 4.9s
[CV 4/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1055.028, test=-3013.291)
total time= 4.9s
[CV 5/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-599.651, test=-3184.617)
total time= 9.8s
[CV 3/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-103.156, test=-3533.858)
total time= 24.6s
[CV 4/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-557.341, test=-3073.077)
total time= 9.8s
[CV 2/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500;; score=(train=-126.638, test=-3284.377)
total time= 24.4s
[CV 3/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-555.356, test=-3476.943)
total time= 9.7s
[CV 1/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-114.168, test=-3086.194)
total time= 24.2s
[CV 2/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-591.211, test=-3178.455)
total time= 9.9s
[CV 5/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-472.274, test=-3246.797)
total time= 12.3s
[CV 4/5; 1740/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1055.028, test=-3010.094)
total time= 4.8s
[CV 5/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-599.651, test=-3149.626)
total time= 9.6s
[CV 3/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-114.661, test=-3551.945)
total time= 24.1s
[CV 3/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-555.356, test=-3448.273)
total time= 9.6s
[CV 1/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-114.168, test=-3090.109)
total time= 24.1s
[CV 2/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=200;; score=(train=-588.922, test=-3185.235)
total time= 9.6s
[CV 5/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-437.993, test=-3181.225)
total time= 12.0s
[CV 4/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1971.031, test=-2746.125)
total time= 1.0s
[CV 2/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1576.405, test=-2932.776)
total time= 2.4s
[CV 4/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1500.343, test=-2852.340)
total time= 2.4s
[CV 2/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1102.787, test=-3040.062)
total time= 4.9s
[CV 1/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-564.482, test=-3035.339)
total time= 9.7s
[CV 4/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-428.622, test=-3088.705)
total time= 12.7s
[CV 4/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2243.463, test=-2644.433)
total time= 0.5s
[CV 1/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2020.889, test=-2595.927)
total time= 1.0s
[CV 3/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20
[CV 3/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1986.544, test=-2968.548)
total time= 1.0s
[CV 1/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1538.930, test=-2803.098)
total time= 2.5s
[CV 4/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1591.244, test=-2821.837)
total time= 2.5s
[CV 2/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1132.617, test=-3068.298)
total time= 5.0s
[CV 1/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-623.097, test=-3149.724)
total time= 9.9s
[CV 4/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-521.041, test=-3055.373)
total time= 12.2s
[CV 5/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2170.449, test=-2822.383)
total time= 0.5s
[CV 2/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2060.969, test=-2707.765)
total time= 1.0s
[CV 4/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2018.086, test=-2732.678)
total time= 1.0s
[CV 2/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1628.397, test=-2882.060)

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total time= 2.4s
[CV 5/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1499.180, test=-3002.540)
total time= 2.5s
[CV 2/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1132.617, test=-3054.974)
total time= 5.0s
[CV 5/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1075.784, test=-3149.018)
total time= 4.9s
[CV 1/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1742/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-437.993, test=-3173.475)
total time= 12.1s
[CV 3/5; 1745/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1745/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1971.406, test=-2894.726)
total time= 1.0s
[CV 1/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1473.554, test=-2777.573)
total time= 2.5s
[CV 4/5; 1746/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1746/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1500.343, test=-2856.707)
total time= 2.4s
[CV 2/5; 1747/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1102.787, test=-3063.824)
total time= 4.9s
[CV 1/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-564.482, test=-3045.051)
total time= 9.8s
[CV 4/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

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[CV 4/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-428.622, test=-3082.512)
total time= 12.3s
[CV 5/5; 1751/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 1751/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2181.562, test=-2772.454)
total time= 0.5s
[CV 2/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-2066.798, test=-2727.016)
total time= 1.0s
[CV 4/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1971.031, test=-2748.883)
total time= 1.0s
[CV 2/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1576.405, test=-2923.917)
total time= 2.5s
[CV 5/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1507.339, test=-2987.473)
total time= 2.4s
[CV 3/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1055.822, test=-3312.237)
total time= 4.9s
[CV 1/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-564.482, test=-3053.310)
total time= 9.8s
[CV 4/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-428.622, test=-3079.891)
total time= 12.1s
[CV 5/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2181.562, test=-2772.454)
total time= 0.5s

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[CV 2/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-2066.798, test=-2726.679)
total time= 1.0s
[CV 5/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1966.371, test=-2817.348)
total time= 1.0s
[CV 3/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1476.112, test=-3197.124)
total time= 2.5s
[CV 1/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1036.167, test=-2906.124)
total time= 4.9s
[CV 4/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1055.028, test=-3003.509)
total time= 4.9s
[CV 4/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-557.341, test=-3090.531)
total time= 9.8s
[CV 2/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-126.638, test=-3268.638)
total time= 25.0s
[CV 4/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-673.961, test=-3036.008)
total time= 9.9s
[CV 2/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-136.274, test=-3262.772)
total time= 24.7s
[CV 3/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200;; score=(train=-613.988, test=-3313.281)
total time= 9.8s
[CV 1/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-133.065, test=-3282.440)
total time= 24.3s
[CV 2/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-591.211, test=-3179.534)
total time= 9.7s
[CV 5/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1500.343, test=-2854.370)
total time= 2.4s
[CV 2/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1102.787, test=-3051.921)
total time= 4.8s
[CV 5/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1061.240, test=-3052.238)
total time= 4.8s
[CV 1/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-414.345, test=-3080.503)
total time= 12.0s
[CV 4/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-122.919, test=-3064.002)
total time= 24.2s
[CV 2/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-444.399, test=-3224.605)
total time= 12.1s
[CV 5/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-115.755, test=-3235.312)

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total time= 24.4s
[CV 3/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-465.284, test=-3363.501)
total time= 12.2s
[CV 1/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2246.814, test=-2488.621)
total time= 0.5s
[CV 2/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2245.073, test=-2570.618)
total time= 0.5s
[CV 3/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2196.186, test=-2797.413)
total time= 0.5s
[CV 4/5; 1772/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 1772/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2243.463, test=-2644.433)
total time= 0.5s
[CV 1/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2020.889, test=-2594.877)
total time= 1.0s
[CV 3/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1986.544, test=-2968.927)
total time= 1.0s
[CV 1/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1538.930, test=-2789.667)
total time= 2.4s
[CV 4/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1591.244, test=-2831.781)
total time= 2.5s
[CV 3/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

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[CV 3/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1087.128, test=-3242.085)
total time= 5.0s
[CV 1/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-623.097, test=-3141.940)
total time= 9.8s
[CV 4/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-521.041, test=-3056.038)
total time= 12.2s
[CV 4/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2243.463, test=-2644.433)
total time= 0.5s
[CV 1/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2020.889, test=-2595.787)
total time= 1.0s
[CV 4/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2018.086, test=-2742.220)
total time= 1.0s
[CV 2/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1628.397, test=-2877.926)
total time= 2.5s
[CV 5/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1499.180, test=-2995.403)
total time= 2.4s
[CV 3/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1087.128, test=-3227.808)
total time= 4.9s
[CV 1/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-623.097, test=-3140.462)
total time= 9.7s

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[CV 4/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 4/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-521.041, test=-3063.669) total time= 12.3s
[CV 3/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 3/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2196.186, test=-2796.509) total time= 0.5s
[CV 5/5; 1747/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-1061.240, test=-3044.092) total time= 4.8s
[CV 1/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 1/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-414.345, test=-3078.961) total time= 12.1s
[CV 4/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500
[CV 4/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=5, n_estimators=500;; score=(train=-122.919, test=-3067.819) total time= 24.1s
[CV 2/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 2/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-444.399, test=-3249.347) total time= 12.0s
[CV 5/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 5/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-115.755, test=-3201.714) total time= 24.1s
[CV 3/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 3/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-415.833, test=-3477.440) total time= 12.1s
[CV 1/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 1/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-2246.814, test=-2497.174) total time= 0.5s
[CV 2/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=10
[CV 2/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=2, n_estimators=10;; score=(train=-2245.073, test=-2564.585) total time= 0.5s

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[CV 3/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2196.186, test=-2797.776)
total time= 0.5s
[CV 5/5; 1765/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1765/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2170.449, test=-2826.249)
total time= 0.5s
[CV 2/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2060.969, test=-2706.185)
total time= 1.0s
[CV 4/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2018.086, test=-2742.220)
total time= 1.0s
[CV 2/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1628.397, test=-2877.709)
total time= 2.5s
[CV 5/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1499.180, test=-2995.009)
total time= 2.4s
[CV 3/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1087.128, test=-3219.996)
total time= 4.9s
[CV 5/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1075.784, test=-3151.029)
total time= 4.9s
[CV 1/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-474.709, test=-3194.582)
total time= 12.3s
[CV 4/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500;; score=(train=-158.873, test=-3078.647)
total time= 24.5s
[CV 2/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-462.142, test=-3201.622)
total time= 12.2s
[CV 5/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-142.971, test=-3299.239)
total time= 24.3s
[CV 3/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-465.284, test=-3373.917)
total time= 12.2s
[CV 1/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2246.814, test=-2497.174)
total time= 0.5s
[CV 2/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2245.073, test=-2565.453)
total time= 0.5s
[CV 4/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2243.463, test=-2644.433)
total time= 0.5s
[CV 1/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2020.889, test=-2595.787)
total time= 1.0s
[CV 3/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1986.544, test=-2971.091)
total time= 1.0s
[CV 1/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1538.930, test=-2789.681)
total time= 2.4s
[CV 4/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=50
[CV 4/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1591.244, test=-2800.003)
total time= 2.5s
[CV 2/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1756/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1756/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-415.833, test=-3488.807)
total time= 12.0s
[CV 1/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2278.583, test=-2494.245)
total time= 0.5s
[CV 2/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2294.892, test=-2615.945)
total time= 0.5s
[CV 3/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2204.383, test=-2833.319)
total time= 0.5s
[CV 4/5; 1758/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1758/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2184.962, test=-2659.245)
total time= 0.5s
[CV 1/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1996.557, test=-2603.560)
total time= 1.0s
[CV 3/5; 1759/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1759/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1971.406, test=-2894.488)
total time= 1.0s
[CV 1/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1473.554, test=-2767.526)
total time= 2.4s
[CV 5/5; 1760/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

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[CV 5/5; 1760/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1507.339, test=-2987.093)
total time= 2.4s

[CV 3/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 3/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1007.127, test=-3354.024)
total time= 4.8s

[CV 5/5; 1761/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 5/5; 1761/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1061.240, test=-3043.477)
total time= 4.8s

[CV 1/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 1/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-414.345, test=-3074.298)
total time= 12.1s

[CV 4/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 4/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-122.919, test=-3085.080)
total time= 24.5s

[CV 2/5; 1770/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 2/5; 1770/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-462.142, test=-3196.518)
total time= 12.2s

[CV 5/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 5/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-142.971, test=-3313.518)
total time= 24.6s

[CV 3/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 3/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-465.284, test=-3364.793)
total time= 12.2s

[CV 1/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 1/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2246.814, test=-2488.621)
total time= 0.5s

[CV 2/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 2/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2245.073, test=-2565.454)
total time= 0.5s

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[CV 3/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2196.186, test=-2796.509)
total time= 0.5s
[CV 5/5; 1779/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1779/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2170.449, test=-2826.249)
total time= 0.5s
[CV 2/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2060.969, test=-2707.687)
total time= 1.0s
[CV 5/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1983.510, test=-2936.849)
total time= 1.0s
[CV 3/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1519.888, test=-3176.900)
total time= 2.5s
[CV 1/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1130.345, test=-2952.343)
total time= 4.9s
[CV 4/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1147.690, test=-2889.875)
total time= 4.9s
[CV 4/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-673.961, test=-3002.812)
total time= 9.8s
[CV 2/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-136.274, test=-3246.169)
total time= 24.7s
[CV 3/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200;; score=(train=-613.988, test=-3340.146)
total time= 9.8s
[CV 5/5; 1724/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1908.701, test=-2909.835)
total time= 1.0s
[CV 3/5; 1725/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1725/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1514.470, test=-3214.886)
total time= 2.5s
[CV 1/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1011.416, test=-3019.395)
total time= 4.9s
[CV 4/5; 1726/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1726/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-976.596, test=-3073.793)
total time= 4.9s
[CV 5/5; 1727/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1727/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-493.945, test=-3221.724)
total time= 9.8s
[CV 3/5; 1729/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1729/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-78.482, test=-3447.164)
total time= 24.7s
[CV 4/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-519.912, test=-3191.114)
total time= 9.7s
[CV 2/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-95.587, test=-3141.442)
total time= 24.3s
[CV 4/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-557.341, test=-3077.741)
total time= 9.6s
[CV 2/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500;; score=(train=-126.638, test=-3277.299)
total time= 24.4s
[CV 4/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-557.341, test=-3086.942)
total time= 9.8s
[CV 2/5; 1750/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1750/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-126.638, test=-3259.428)
total time= 24.5s
[CV 3/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-555.356, test=-3467.667)
total time= 9.8s
[CV 1/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-114.168, test=-3099.794)
total time= 24.5s
[CV 2/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-588.922, test=-3182.605)
total time= 9.9s
[CV 5/5; 1763/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1763/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-437.993, test=-3189.467)
total time= 12.3s
[CV 5/5; 1766/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1766/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1983.510, test=-2943.710)
total time= 1.0s
[CV 3/5; 1767/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1767/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1519.888, test=-3177.755)
total time= 2.5s
[CV 1/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1130.345, test=-2951.514)
total time= 5.0s
[CV 4/5; 1768/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=100
[CV 4/5; 1768/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1147.690, test=-2890.569)
total time= 4.9s
[CV 5/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-616.612, test=-3226.556)
total time= 10.1s
[CV 3/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-141.799, test=-3411.747)
total time= 24.7s
[CV 5/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-616.612, test=-3216.496)
total time= 9.9s
[CV 3/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-141.799, test=-3437.936)
total time= 24.5s
[CV 5/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-616.612, test=-3225.415)
total time= 9.8s
[CV 3/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-141.799, test=-3415.429)
total time= 24.6s
[CV 4/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-673.961, test=-3023.819)
total time= 9.8s
[CV 2/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-136.274, test=-3254.717)
total time= 24.3s
[CV 5/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1733/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1023.985, test=-3214.171)

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total time= 4.8s
[CV 5/5; 1734/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1734/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-569.149, test=-3323.270)
total time= 9.7s
[CV 3/5; 1736/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1736/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-85.577, test=-3426.990)
total time= 24.1s
[CV 3/5; 1741/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1741/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-564.403, test=-3507.470)
total time= 9.6s
[CV 1/5; 1743/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1743/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-114.168, test=-3094.131)
total time= 24.2s
[CV 2/5; 1748/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1748/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-588.922, test=-3198.727)
total time= 9.8s
[CV 5/5; 1749/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1749/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-437.993, test=-3177.293)
total time= 12.3s
[CV 5/5; 1752/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1752/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1966.371, test=-2808.043)
total time= 1.0s
[CV 3/5; 1753/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1753/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1518.144, test=-3092.486)
total time= 2.4s
[CV 1/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1036.167, test=-2909.451)
total time= 4.9s
[CV 4/5; 1754/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100

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[CV 4/5; 1754/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1055.028, test=-3031.380)
total time= 4.9s

[CV 5/5; 1755/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 5/5; 1755/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-599.651, test=-3167.728)
total time= 9.8s

[CV 3/5; 1757/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 3/5; 1757/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-103.156, test=-3534.509)
total time= 24.4s

[CV 5/5; 1762/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 5/5; 1762/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-599.651, test=-3161.001)
total time= 9.8s

[CV 3/5; 1764/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 3/5; 1764/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-103.156, test=-3543.226)
total time= 24.3s

[CV 3/5; 1769/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 1769/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-613.988, test=-3316.920)
total time= 9.8s

[CV 1/5; 1771/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 1771/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-133.065, test=-3291.538)
total time= 24.3s

[CV 2/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-591.211, test=-3181.510)
total time= 9.7s

[CV 5/5; 1777/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 5/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-472.274, test=-3259.587)
total time= 12.1s

[CV 3/5; 1780/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 3/5; 1780/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1986.544, test=-2970.336)
total time= 1.0s

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[CV 1/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1538.930, test=-2800.975)
total time= 2.4s
[CV 4/5; 1781/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1781/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1591.244, test=-2830.340)
total time= 2.4s
[CV 2/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1132.617, test=-3060.103)
total time= 4.9s
[CV 5/5; 1782/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1782/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1075.784, test=-3137.754)
total time= 4.8s
[CV 1/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-474.709, test=-3200.451)
total time= 12.1s
[CV 4/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-158.873, test=-3108.052)
total time= 24.5s
[CV 2/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-462.142, test=-3191.969)
total time= 12.2s
[CV 5/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-142.971, test=-3305.045)
total time= 24.3s
[CV 1/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1777/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-474.709, test=-3201.878)
total time= 12.2s
[CV 4/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500;; score=(train=-158.873, test=-3098.281)
total time= 24.3s
[CV 2/5; 1784/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-462.142, test=-3205.700)
total time= 12.2s
[CV 5/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-142.971, test=-3292.242)
total time= 24.9s
[CV 3/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-465.284, test=-3379.654)
total time= 12.1s
[CV 1/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1649.895, test=-2822.646)
total time= 0.8s
[CV 2/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1722.276, test=-2813.867)
total time= 0.8s
[CV 5/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1653.535, test=-3134.733)
total time= 0.8s
[CV 2/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1170.754, test=-3035.688)
total time= 1.5s
[CV 5/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1101.912, test=-3218.834)
total time= 1.5s
[CV 3/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-425.238, test=-3203.644)
total time= 3.8s
[CV 1/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=100
[CV 1/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-90.138, test=-3347.486)
total time= 7.6s
[CV 2/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2.238, test=-3222.563)
total time= 15.2s
[CV 5/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.527, test=-3318.801)
total time= 19.1s
[CV 5/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1178.789, test=-3174.335)
total time= 1.5s
[CV 3/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-378.710, test=-3301.363)
total time= 3.8s
[CV 1/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-82.376, test=-2895.655)
total time= 7.6s
[CV 4/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-81.339, test=-3160.866)
total time= 7.6s
[CV 2/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-2.696, test=-3391.371)
total time= 15.3s
[CV 5/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.692, test=-3334.205)
total time= 19.2s
[CV 2/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-530.826, test=-3327.226)

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total time= 3.9s
[CV 5/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-576.874, test=-3255.959)
total time= 3.9s
[CV 3/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-165.390, test=-3200.918)
total time= 7.8s
[CV 1/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-8.894, test=-3291.104)
total time= 15.3s
[CV 4/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-3.071, test=-3119.681)
total time= 19.6s
[CV 3/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1848.339, test=-3008.034)
total time= 0.8s
[CV 5/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1775.219, test=-3149.870)
total time= 0.8s
[CV 2/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1407.628, test=-3058.623)
total time= 1.6s
[CV 4/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1364.223, test=-3056.465)
total time= 1.5s
[CV 5/5; 1784/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-472.274, test=-3267.230)
total time= 12.3s
[CV 5/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1983.510, test=-2944.814)

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total time= 1.0s
[CV 3/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1519.888, test=-3177.912)
total time= 2.5s
[CV 1/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1130.345, test=-2963.959)
total time= 5.0s
[CV 4/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1147.690, test=-2839.775)
total time= 4.9s
[CV 5/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-616.612, test=-3219.658)
total time= 9.7s
[CV 3/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-141.799, test=-3428.495)
total time= 24.3s
[CV 1/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-4.215, test=-3350.892)
total time= 15.4s
[CV 4/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.703, test=-3292.483)
total time= 19.2s
[CV 4/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1175.942, test=-3004.523)
total time= 1.6s
[CV 2/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-456.104, test=-3330.109)
total time= 3.9s
[CV 5/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

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[CV 5/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-394.411, test=-3270.772)
total time= 3.9s
[CV 3/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-75.740, test=-3305.688)
total time= 7.7s
[CV 1/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-3.634, test=-2879.598)
total time= 15.4s
[CV 4/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.955, test=-3172.580)
total time= 19.4s
[CV 4/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1748.898, test=-2764.728)
total time= 0.8s
[CV 1/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1222.117, test=-3067.545)
total time= 1.5s
[CV 3/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1262.740, test=-3112.542)
total time= 1.5s
[CV 5/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1325.666, test=-3116.334)
total time= 1.5s
[CV 3/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-547.352, test=-3193.648)
total time= 3.8s
[CV 1/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-124.573, test=-3344.416)
total time= 7.6s

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[CV 4/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=100
[CV 4/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=100;; score=(train=-119.083, test=-3102.954) total time= 7.6s
[CV 2/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 2/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-9.423, test=-3409.790) total time= 15.3s
[CV 5/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 5/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-2.459, test=-3267.065) total time= 19.0s
[CV 5/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 5/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-1318.943, test=-3158.253) total time= 1.6s
[CV 3/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 3/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-568.574, test=-3386.859) total time= 3.8s
[CV 1/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 1/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-221.074, test=-2927.129) total time= 7.7s
[CV 4/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 4/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-192.832, test=-3253.009) total time= 7.7s
[CV 4/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 5/5; 1786/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 5/5; 1786/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-2170.449, test=-2822.383) total time= 0.5s
[CV 2/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 2/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-2060.969, test=-2710.893) total time= 1.0s
[CV 4/5; 1787/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=20
[CV 4/5; 1787/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2018.086, test=-2742.220)
total time= 1.0s
[CV 2/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1628.397, test=-2874.004)
total time= 2.5s
[CV 5/5; 1788/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 1788/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1499.180, test=-2999.806)
total time= 2.6s
[CV 3/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1087.128, test=-3221.360)
total time= 4.9s
[CV 1/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-623.097, test=-3151.707)
total time= 9.6s
[CV 4/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-521.041, test=-3050.585)
total time= 12.1s
[CV 3/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1683.473, test=-2927.823)
total time= 0.7s
[CV 4/5; 1793/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1793/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1752.573, test=-2783.682)
total time= 0.8s
[CV 1/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1114.222, test=-3081.479)
total time= 1.5s
[CV 4/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1267.192, test=-2995.756)

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total time= 1.6s
[CV 2/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-365.779, test=-3160.029)
total time= 3.8s
[CV 5/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-363.871, test=-3297.615)
total time= 3.8s
[CV 3/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-84.119, test=-3192.093)
total time= 7.7s
[CV 5/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2.894, test=-3297.723)
total time= 15.4s
[CV 3/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3204.345)
total time= 38.4s
[CV 1/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.732, test=-2912.947)
total time= 19.5s
[CV 4/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3163.413)
total time= 38.6s
[CV 2/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2.966, test=-3382.331)
total time= 19.5s
[CV 5/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.006, test=-3283.277)
total time= 38.5s
[CV 3/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 3/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-5.409, test=-3453.376)
total time= 19.3s
[CV 1/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1785.571, test=-2667.881)
total time= 0.8s
[CV 2/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1807.865, test=-2765.310)
total time= 0.8s
[CV 4/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1756.250, test=-2854.957)
total time= 0.8s
[CV 1/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1345.775, test=-2840.970)
total time= 1.6s
[CV 3/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1345.713, test=-3097.692)
total time= 1.5s
[CV 1/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-620.806, test=-3119.650)
total time= 3.8s
[CV 4/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-133.065, test=-3274.156)
total time= 24.3s
[CV 4/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-84.523, test=-3300.942)
total time= 7.7s
[CV 2/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=250;; score=(train=-0.374, test=-3229.533)
total time= 19.2s
[CV 5/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3362.894)
total time= 38.5s
[CV 3/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.694, test=-3317.749)
total time= 19.4s
[CV 1/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1733.218, test=-2782.036)
total time= 0.8s
[CV 2/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1750.119, test=-2886.957)
total time= 0.8s
[CV 3/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1728.974, test=-3012.415)
total time= 0.8s
[CV 5/5; 1807/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1807/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1774.086, test=-3051.036)
total time= 0.8s
[CV 2/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1247.682, test=-3084.882)
total time= 1.5s
[CV 4/5; 1808/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1808/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1246.916, test=-2904.472)
total time= 1.6s
[CV 1/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-531.380, test=-3300.340)
total time= 3.8s
[CV 4/5; 1809/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50
[CV 4/5; 1809/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-500.039, test=-3067.270)
total time= 3.8s
[CV 2/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-138.429, test=-3384.832)
total time= 7.6s
[CV 5/5; 1810/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1810/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-134.936, test=-3268.417)
total time= 7.7s
[CV 1/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2.865, test=-3332.632)
total time= 19.2s
[CV 4/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3108.730)
total time= 37.9s
[CV 2/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-4.647, test=-3311.236)
total time= 19.0s
[CV 5/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.018, test=-3332.661)
total time= 38.0s
[CV 3/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-6.039, test=-3398.308)
total time= 18.8s
[CV 1/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1785.571, test=-2667.881)
total time= 0.8s
[CV 2/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1807.865, test=-2755.723)

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total time= 0.8s
[CV 3/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1816.563, test=-2933.325)
total time= 0.8s
[CV 4/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1756.250, test=-2860.797)
total time= 0.8s
[CV 1/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1356.127, test=-2887.492)
total time= 1.5s
[CV 3/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1345.713, test=-3100.469)
total time= 1.5s
[CV 5/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1271.304, test=-3095.696)
total time= 1.6s
[CV 3/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-605.015, test=-3266.341)
total time= 3.8s
[CV 1/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1773/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1773/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1983.510, test=-2943.710)
total time= 1.0s
[CV 3/5; 1774/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1774/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1519.888, test=-3178.572)
total time= 2.5s
[CV 1/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1130.345, test=-2958.498)
total time= 5.1s

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[CV 4/5; 1775/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 4/5; 1775/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-1147.690, test=-2877.337) total time= 5.0s
[CV 4/5; 1776/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200
[CV 4/5; 1776/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=200;; score=(train=-673.961, test=-3035.438) total time= 9.8s
[CV 2/5; 1778/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 2/5; 1778/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-136.274, test=-3246.518) total time= 24.3s
[CV 3/5; 1783/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200
[CV 3/5; 1783/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=200;; score=(train=-613.988, test=-3332.879) total time= 9.7s
[CV 1/5; 1785/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 1/5; 1785/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=10, n_estimators=500;; score=(train=-133.065, test=-3269.024) total time= 24.4s
[CV 2/5; 1790/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 2/5; 1790/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-591.211, test=-3170.802) total time= 9.8s
[CV 5/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 5/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-472.274, test=-3248.655) total time= 12.3s
[CV 3/5; 1794/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 3/5; 1794/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1196.006, test=-3097.273) total time= 1.6s
[CV 1/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 1/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-391.155, test=-3307.619) total time= 3.9s
[CV 4/5; 1795/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 4/5; 1795/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50;; score=(train=-452.782, test=-3265.680)
total time= 3.9s
[CV 2/5; 1796/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-67.111, test=-3211.099)
total time= 7.7s
[CV 3/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-2.411, test=-3203.214)
total time= 15.5s
[CV 1/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3382.718)
total time= 38.4s
[CV 4/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-3.980, test=-3166.100)
total time= 15.5s
[CV 2/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3456.327)
total time= 38.2s
[CV 4/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-10.833, test=-3102.277)
total time= 15.5s
[CV 2/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.008, test=-3403.332)
total time= 38.3s
[CV 3/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-18.130, test=-3462.930)
total time= 15.2s
[CV 1/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.031, test=-2964.866)
total time= 38.1s
[CV 2/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=200
[CV 2/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-12.804, test=-3145.624)
total time= 15.1s
[CV 5/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-3.854, test=-3225.423)
total time= 19.1s
[CV 1/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-620.806, test=-3119.616)
total time= 3.8s
[CV 4/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-579.405, test=-3246.519)
total time= 3.8s
[CV 2/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-155.025, test=-3153.542)
total time= 7.7s
[CV 5/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-169.231, test=-3214.744)
total time= 7.7s
[CV 1/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-613.945, test=-3234.809)
total time= 3.8s
[CV 5/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-660.692, test=-3341.485)
total time= 3.8s
[CV 3/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-171.577, test=-3420.256)
total time= 7.6s
[CV 1/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

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[CV 1/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-23.951, test=-2954.353)
total time= 15.3s

[CV 4/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-6.376, test=-3266.891)
total time= 19.0s

[CV 3/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 3/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1816.563, test=-2930.197)
total time= 0.8s

[CV 5/5; 1821/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 5/5; 1821/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1718.096, test=-2957.582)
total time= 0.8s

[CV 2/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 2/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1390.506, test=-2938.275)
total time= 1.5s

[CV 4/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 4/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1322.869, test=-3035.475)
total time= 1.5s

[CV 2/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 2/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-562.286, test=-3105.025)
total time= 3.8s

[CV 5/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 5/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-596.264, test=-3177.214)
total time= 3.8s

[CV 3/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 3/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-158.019, test=-3384.774)
total time= 7.6s

[CV 1/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 1/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-18.873, test=-3186.587)
total time= 15.1s

[CV 4/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 4/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-4.133, test=-3306.350)
total time= 18.9s
[CV 5/5; 1828/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=10
[CV 5/5; 1828/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1718.096, test=-2961.932)
total time= 0.8s
[CV 2/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 2/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-1390.506, test=-2933.967)
total time= 1.6s
[CV 4/5; 1829/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=20
[CV 4/5; 1829/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-1322.869, test=-3037.492)
total time= 1.5s
[CV 2/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 2/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-562.286, test=-3080.390)
total time= 3.8s
[CV 5/5; 1830/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 5/5; 1830/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-596.264, test=-3174.919)
total time= 3.8s
[CV 3/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100
[CV 3/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-158.019, test=-3377.803)
total time= 7.6s
[CV 1/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200
[CV 1/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-18.873, test=-3179.826)
total time= 15.2s
[CV 4/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250
[CV 4/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-4.133, test=-3308.852)
total time= 18.9s
[CV 4/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=10
[CV 4/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10;; score=(train=-1756.250, test=-2865.546)
total time= 0.8s
[CV 1/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1345.775, test=-2846.132)
total time= 1.5s
[CV 3/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1345.713, test=-3105.853)
total time= 1.6s
[CV 5/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1271.304, test=-3096.308)
total time= 1.5s
[CV 3/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-605.015, test=-3287.086)
total time= 3.8s
[CV 1/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-178.130, test=-3017.075)
total time= 7.6s
[CV 4/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.766, test=-3273.711)
total time= 19.2s
[CV 4/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3285.933)
total time= 38.5s
[CV 2/5; 1805/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1805/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.611, test=-3340.005)
total time= 19.3s
[CV 5/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3303.297)
total time= 38.2s
[CV 3/5; 1812/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=250
[CV 3/5; 1812/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-2.506, test=-3236.993)
total time= 19.1s
[CV 1/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1844.082, test=-2667.768)
total time= 0.8s
[CV 2/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1806.554, test=-2859.815)
total time= 0.8s
[CV 4/5; 1814/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1814/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1888.957, test=-2757.251)
total time= 0.8s
[CV 1/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1382.474, test=-2749.340)
total time= 1.5s
[CV 3/5; 1815/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1815/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1318.920, test=-3211.962)
total time= 1.5s
[CV 1/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-660.605, test=-2886.847)
total time= 3.8s
[CV 4/5; 1816/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1816/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-572.330, test=-3246.165)
total time= 3.8s
[CV 2/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-175.456, test=-3285.949)
total time= 7.6s
[CV 5/5; 1817/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 1817/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-202.671, test=-3324.498)

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total time= 7.7s
[CV 1/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-8.240, test=-2955.587)
total time= 19.0s
[CV 4/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.028, test=-3291.052)
total time= 38.0s
[CV 2/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-4.134, test=-3160.637)
total time= 18.6s
[CV 5/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.011, test=-3235.355)
total time= 37.5s
[CV 3/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-6.039, test=-3398.350)
total time= 19.0s
[CV 1/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1785.571, test=-2672.464)
total time= 0.7s
[CV 2/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1807.865, test=-2768.060)
total time= 0.8s
[CV 3/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1816.563, test=-2938.702)
total time= 0.8s
[CV 5/5; 1835/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1835/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1718.096, test=-2959.989)
total time= 0.8s
[CV 2/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

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[CV 2/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1390.506, test=-2948.516)
total time= 1.5s

[CV 4/5; 1836/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20

[CV 4/5; 1836/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1322.869, test=-3032.684)
total time= 1.5s

[CV 1/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 1/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-585.849, test=-2971.105)
total time= 3.8s

[CV 4/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50

[CV 4/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-579.405, test=-3242.706)
total time= 3.8s

[CV 2/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 2/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-155.025, test=-3155.789)
total time= 7.6s

[CV 5/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100

[CV 5/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-169.231, test=-3209.371)
total time= 7.6s

[CV 5/5; 1796/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-77.574, test=-3340.617)
total time= 7.7s

[CV 3/5; 1798/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 3/5; 1798/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.471, test=-3235.341)
total time= 19.3s

[CV 1/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 1/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1695.504, test=-2579.707)
total time= 0.8s

[CV 2/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 2/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1711.266, test=-2893.255)
total time= 0.8s

[CV 3/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 3/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1612.108, test=-2971.335)
total time= 0.8s

[CV 4/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 4/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1719.797, test=-2855.249)
total time= 0.8s

[CV 5/5; 1800/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 5/5; 1800/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1741.852, test=-3047.950)
total time= 0.8s

[CV 1/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 1/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1214.242, test=-2800.968)
total time= 1.6s

[CV 2/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 2/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1153.197, test=-3167.580)
total time= 1.6s

[CV 3/5; 1801/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 3/5; 1801/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1118.174, test=-3094.001)
total time= 1.5s

[CV 1/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 1/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-441.005, test=-2894.252)
total time= 3.9s

[CV 4/5; 1802/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 4/5; 1802/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-416.861, test=-3108.170)
total time= 3.9s

[CV 2/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 2/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-79.722, test=-3370.801)
total time= 7.8s

[CV 5/5; 1803/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 5/5; 1803/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-83.043, test=-3319.475)
total time= 7.7s

[CV 5/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=200

[CV 5/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-3.499, test=-3324.480) total time= 15.5s

[CV 3/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500

[CV 3/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3314.813) total time= 38.3s

[CV 5/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200

[CV 5/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-9.531, test=-3282.510) total time= 15.5s

[CV 3/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500

[CV 3/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.004, test=-3209.275) total time= 38.7s

[CV 5/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200

[CV 5/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-18.405, test=-3371.003) total time= 15.4s

[CV 3/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500

[CV 3/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-0.022, test=-3466.630) total time= 38.5s

[CV 5/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200

[CV 5/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-14.246, test=-3226.057) total time= 15.4s

[CV 3/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500

[CV 3/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-0.015, test=-3401.616) total time= 37.7s

[CV 5/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200

[CV 5/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-14.246, test=-3242.161) total time= 15.1s

[CV 3/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500

[CV 3/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=500;; score=(train=-0.015, test=-3402.416)
total time= 37.7s
[CV 4/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-14.782, test=-3295.674)
total time= 15.1s
[CV 1/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.025, test=-3192.526)
total time= 37.7s
[CV 2/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-28.130, test=-3179.086)
total time= 15.1s
[CV 5/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-10.567, test=-3205.591)
total time= 18.9s
[CV 3/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1405.074, test=-3154.662)
total time= 1.5s
[CV 4/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-18.170, test=-3248.509)
total time= 15.3s
[CV 2/5; 1820/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1820/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.020, test=-3299.104)
total time= 38.1s
[CV 3/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-16.239, test=-3397.131)
total time= 15.3s
[CV 1/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.025, test=-3185.600)
total time= 38.2s
[CV 2/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200;; score=(train=-12.804, test=-3129.990)
total time= 15.3s
[CV 5/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-3.854, test=-3211.678)
total time= 19.0s
[CV 2/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-562.286, test=-3087.229)
total time= 3.9s
[CV 5/5; 1837/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1837/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-596.264, test=-3179.391)
total time= 3.9s
[CV 3/5; 1838/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-158.019, test=-3354.884)
total time= 7.7s
[CV 1/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-18.873, test=-3182.590)
total time= 15.3s
[CV 4/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-4.133, test=-3320.683)
total time= 19.1s
[CV 3/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1786.849, test=-2973.756)
total time= 0.8s
[CV 5/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1739.634, test=-2932.566)
total time= 0.8s
[CV 2/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1373.351, test=-2903.915)
total time= 1.5s
[CV 4/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20
[CV 4/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1497.419, test=-2880.706)
total time= 1.6s
[CV 2/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-637.800, test=-3064.412)
total time= 3.8s
[CV 5/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-683.034, test=-3149.465)
total time= 3.8s
[CV 3/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-174.997, test=-3318.968)
total time= 7.6s
[CV 1/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-23.612, test=-3008.423)
total time= 15.3s
[CV 4/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-11.137, test=-3073.404)
total time= 19.2s
[CV 4/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1859.191, test=-2794.838)
total time= 0.8s
[CV 1/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1442.078, test=-2941.250)
total time= 1.5s
[CV 4/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1490.159, test=-3011.769)
total time= 1.5s
[CV 2/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-647.397, test=-3211.998)

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total time= 3.8s
[CV 5/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-699.397, test=-3308.490)
total time= 4.0s
[CV 3/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-239.708, test=-3258.761)
total time= 7.6s
[CV 1/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-30.783, test=-3122.929)
total time= 15.1s
[CV 4/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-11.305, test=-3259.657)
total time= 18.8s
[CV 5/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1722.757, test=-2926.478)
total time= 0.8s
[CV 2/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1132.617, test=-3059.474)
total time= 4.9s
[CV 5/5; 1789/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1789/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1075.784, test=-3149.973)
total time= 4.9s
[CV 1/5; 1791/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1791/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-474.709, test=-3187.405)
total time= 12.2s
[CV 4/5; 1792/2352] START learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1792/2352] END learning_rate=0.75, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-158.873, test=-3097.939)
total time= 24.2s
[CV 4/5; 1797/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 1797/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-3.567, test=-3313.079)

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total time= 15.4s
[CV 2/5; 1799/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1799/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3204.006)
total time= 38.3s
[CV 3/5; 1804/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1804/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-3.597, test=-3295.558)
total time= 15.5s
[CV 1/5; 1806/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 1806/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-2860.553)
total time= 38.4s
[CV 3/5; 1811/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1811/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-9.711, test=-3218.486)
total time= 15.4s
[CV 1/5; 1813/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1813/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3336.298)
total time= 38.2s
[CV 2/5; 1818/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1818/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-15.598, test=-3235.841)
total time= 15.3s
[CV 5/5; 1819/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1819/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-5.774, test=-3359.326)
total time= 19.2s
[CV 5/5; 1822/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1822/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1271.304, test=-3102.163)
total time= 1.5s
[CV 3/5; 1823/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-605.015, test=-3299.975)
total time= 3.9s
[CV 1/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

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[CV 1/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-171.097, test=-3151.021)
total time= 7.6s
[CV 4/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-154.538, test=-3311.778)
total time= 7.6s
[CV 4/5; 1825/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1825/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-14.782, test=-3320.673)
total time= 15.4s
[CV 2/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.014, test=-3147.094)
total time= 38.0s
[CV 4/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-14.782, test=-3328.107)
total time= 15.2s
[CV 2/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.014, test=-3158.088)
total time= 37.9s
[CV 3/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-16.239, test=-3402.430)
total time= 15.2s
[CV 2/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.014, test=-3152.017)
total time= 38.0s
[CV 3/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-21.316, test=-3322.109)
total time= 15.2s
[CV 1/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.062, test=-3055.212)
total time= 38.1s

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[CV 2/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200
[CV 2/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=200;; score=(train=-34.340, test=-3285.021)
total time= 15.2s
[CV 5/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250
[CV 5/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=250;; score=(train=-11.447, test=-3365.213)
total time= 19.0s
[CV 4/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20
[CV 4/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=20;; score=(train=-1490.159, test=-3019.276)
total time= 1.5s
[CV 2/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 2/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-647.397, test=-3182.733)
total time= 3.8s
[CV 5/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 5/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-699.397, test=-3314.015)
total time= 3.8s
[CV 4/5; 1823/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=50;; score=(train=-579.405, test=-3244.771)
total time= 3.8s
[CV 2/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 2/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-155.025, test=-3149.031)
total time= 7.7s
[CV 5/5; 1824/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100
[CV 5/5; 1824/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=100;; score=(train=-169.231, test=-3231.201)
total time= 7.7s
[CV 1/5; 1826/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 1/5; 1826/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-6.196, test=-3188.560)
total time= 19.4s
[CV 4/5; 1827/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500
[CV 4/5; 1827/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=2, n_estimators=500;; score=(train=-0.012, test=-3315.952)
total time= 37.8s

[CV 2/5; 1833/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250

[CV 2/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-4.134, test=-3149.263) total time= 19.0s

[CV 5/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500

[CV 5/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.011, test=-3214.287) total time= 37.8s

[CV 3/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250

[CV 3/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-6.039, test=-3377.710) total time= 19.1s

[CV 1/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10

[CV 1/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-1820.993, test=-2707.357) total time= 0.8s

[CV 2/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10

[CV 2/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-1855.345, test=-2701.497) total time= 0.8s

[CV 4/5; 1842/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10

[CV 4/5; 1842/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=10;; score=(train=-1853.599, test=-2762.775) total time= 0.8s

[CV 1/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20

[CV 1/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-1295.421, test=-2888.248) total time= 1.5s

[CV 3/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20

[CV 3/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=20;; score=(train=-1441.375, test=-2984.800) total time= 1.5s

[CV 1/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=50

[CV 1/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=50;; score=(train=-684.870, test=-2950.074) total time= 3.8s

[CV 4/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=50

[CV 4/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=50;; score=(train=-755.016, test=-2979.652)
total time= 3.9s
[CV 2/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-237.434, test=-3125.076)
total time= 7.6s
[CV 5/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-216.504, test=-3215.308)
total time= 7.6s
[CV 1/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-8.106, test=-3010.357)
total time= 19.0s
[CV 4/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.085, test=-3075.657)
total time= 38.2s
[CV 2/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-12.444, test=-3276.386)
total time= 18.9s
[CV 5/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.082, test=-3366.499)
total time= 37.3s
[CV 3/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-13.548, test=-3529.027)
total time= 19.2s
[CV 1/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1738.743, test=-2809.789)
total time= 0.8s
[CV 2/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1836.548, test=-2715.340)
total time= 0.8s
[CV 4/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=10
[CV 4/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1859.191, test=-2794.271)
total time= 0.8s
[CV 1/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1442.078, test=-2934.278)
total time= 1.6s
[CV 4/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1490.159, test=-3012.120)
total time= 1.6s
[CV 2/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-647.397, test=-3187.573)
total time= 3.8s
[CV 5/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-699.397, test=-3309.230)
total time= 3.8s
[CV 1/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-4.699, test=-3031.191)
total time= 18.9s
[CV 4/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.012, test=-3298.008)
total time= 37.7s
[CV 2/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-9.204, test=-3169.150)
total time= 18.8s
[CV 5/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.061, test=-3224.075)
total time= 38.0s
[CV 3/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-11.654, test=-3375.082)

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total time= 18.7s
[CV 1/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1886.533, test=-2693.648)
total time= 0.8s
[CV 2/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1836.548, test=-2709.126)
total time= 0.8s
[CV 3/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1824.516, test=-3007.544)
total time= 0.8s
[CV 4/5; 1856/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 1856/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1859.191, test=-2794.838)
total time= 0.8s
[CV 1/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1442.078, test=-2934.278)
total time= 1.5s
[CV 3/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1438.943, test=-3095.884)
total time= 1.5s
[CV 1/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-704.465, test=-3044.058)
total time= 3.8s
[CV 4/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-708.545, test=-3192.230)
total time= 3.8s
[CV 2/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-221.915, test=-3276.930)
total time= 7.5s
[CV 5/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

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[CV 5/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-222.179, test=-3352.482)
total time= 7.5s

[CV 1/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 1/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-11.605, test=-3120.189)
total time= 18.7s

[CV 4/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 4/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.109, test=-3288.907)
total time= 37.7s

[CV 2/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 2/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-12.444, test=-3296.925)
total time= 18.8s

[CV 5/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 5/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.082, test=-3385.248)
total time= 37.5s

[CV 3/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 3/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-10.330, test=-3393.864)
total time= 18.7s

[CV 1/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 1/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1847.077, test=-2651.417)
total time= 0.7s

[CV 2/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 2/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1841.865, test=-2868.014)
total time= 0.7s

[CV 3/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 3/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1819.504, test=-2980.800)
total time= 0.7s

[CV 4/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

[CV 4/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1854.709, test=-2826.895)
total time= 0.8s

[CV 1/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 1/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1376.558, test=-2904.631)
total time= 1.5s
[CV 3/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 3/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=20;; score=(train=-1395.205, test=-3163.559)
total time= 1.5s
[CV 1/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 1/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-713.750, test=-3179.927)
total time= 3.7s
[CV 4/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=50
[CV 4/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=50;; score=(train=-726.595, test=-3097.539)
total time= 3.8s
[CV 2/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 1/5; 1833/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-6.196, test=-3171.441)
total time= 19.1s
[CV 4/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500
[CV 4/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.012, test=-3314.733)
total time= 38.2s
[CV 2/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250
[CV 2/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=250;; score=(train=-4.134, test=-3153.412)
total time= 19.1s
[CV 5/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500
[CV 5/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=10, n_estimators=500;; score=(train=-0.011, test=-3233.595)
total time= 38.1s
[CV 3/5; 1847/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250
[CV 3/5; 1847/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5, min_samples_split=15, n_estimators=250;; score=(train=-7.064, test=-3316.169)
total time= 19.1s
[CV 1/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=2, n_estimators=10
[CV 1/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10;; score=(train=-1738.743, test=-2804.884)
total time= 0.8s
[CV 2/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1836.548, test=-2720.446)
total time= 0.8s
[CV 3/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1812.014, test=-3010.955)
total time= 0.8s
[CV 5/5; 1849/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1849/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1722.757, test=-2924.286)
total time= 0.8s
[CV 2/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1477.658, test=-2934.953)
total time= 1.5s
[CV 5/5; 1850/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1850/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1334.803, test=-3101.002)
total time= 1.5s
[CV 3/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-656.191, test=-3357.241)
total time= 3.8s
[CV 1/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-242.979, test=-3127.195)
total time= 7.8s
[CV 4/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-221.843, test=-3266.292)
total time= 7.6s
[CV 5/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-30.768, test=-3376.880)
total time= 15.1s
[CV 3/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=2, n_estimators=500
[CV 3/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.135, test=-3272.489)
total time= 37.6s
[CV 4/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-32.176, test=-3265.676)
total time= 15.1s
[CV 2/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.125, test=-3284.558)
total time= 37.6s
[CV 3/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-30.381, test=-3364.196)
total time= 15.1s
[CV 1/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.101, test=-3131.154)
total time= 37.6s
[CV 2/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-34.340, test=-3289.692)
total time= 15.1s
[CV 5/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-11.447, test=-3389.737)
total time= 18.8s
[CV 5/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1476.114, test=-2948.504)
total time= 1.5s
[CV 3/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-672.784, test=-3277.354)
total time= 3.7s
[CV 1/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-270.604, test=-3231.191)

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total time= 7.5s
[CV 4/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-290.508, test=-3163.132)
total time= 7.5s
[CV 4/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-49.943, test=-3182.714)
total time= 14.9s
[CV 2/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.397, test=-3279.698)
total time= 37.3s
[CV 3/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-43.423, test=-3362.420)
total time= 14.8s
[CV 1/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-178.130, test=-3027.117)
total time= 7.6s
[CV 4/5; 1831/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 1831/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-154.538, test=-3317.692)
total time= 7.6s
[CV 3/5; 1832/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1832/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-16.239, test=-3389.715)
total time= 15.2s
[CV 1/5; 1834/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1834/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.017, test=-3026.803)
total time= 37.8s
[CV 2/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-12.804, test=-3154.875)
total time= 15.2s
[CV 5/5; 1840/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1840/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-3.854, test=-3232.254)

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total time= 19.0s
[CV 5/5; 1843/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 1843/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1346.066, test=-3074.289)
total time= 1.5s
[CV 3/5; 1844/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 1844/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-614.551, test=-3234.000)
total time= 3.8s
[CV 1/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-227.825, test=-3060.841)
total time= 7.6s
[CV 4/5; 1845/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 1845/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-259.316, test=-3067.101)
total time= 7.7s
[CV 5/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-28.196, test=-3202.525)
total time= 15.2s
[CV 3/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.042, test=-3327.572)
total time= 38.1s
[CV 4/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-32.176, test=-3263.930)
total time= 15.1s
[CV 2/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.125, test=-3290.794)
total time= 37.7s
[CV 3/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-32.272, test=-3508.302)
total time= 15.2s
[CV 1/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

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[CV 1/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.101, test=-3130.535)
total time= 37.6s

[CV 2/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 2/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-34.340, test=-3276.579)
total time= 14.9s

[CV 5/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 5/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-11.447, test=-3376.775)
total time= 18.5s

[CV 3/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20

[CV 3/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1369.641, test=-3256.572)
total time= 1.5s

[CV 1/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 1/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-704.465, test=-3049.438)
total time= 3.8s

[CV 4/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50

[CV 4/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-708.545, test=-3193.589)
total time= 3.8s

[CV 2/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 2/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-221.915, test=-3251.318)
total time= 7.5s

[CV 5/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

[CV 5/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-222.179, test=-3367.427)
total time= 7.4s

[CV 1/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 1/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-14.208, test=-3193.814)
total time= 18.6s

[CV 4/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 4/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.109, test=-3284.132)
total time= 37.3s

[CV 2/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250

[CV 2/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-21.036, test=-3281.517)

total time= 18.4s

[CV 5/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500

[CV 5/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-0.250, test=-3199.672)

total time= 37.2s

[CV 3/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250

[CV 3/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-17.154, test=-3379.722)

total time= 18.7s

[CV 1/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10

[CV 1/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=10;; score=(train=-1847.077, test=-2659.849)

total time= 0.8s

[CV 3/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100

[CV 3/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-230.210, test=-3362.117)

total time= 7.6s

[CV 1/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200

[CV 1/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-30.783, test=-3133.498)

total time= 15.0s

[CV 4/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250

[CV 4/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-11.305, test=-3285.925)

total time= 18.8s

[CV 5/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10

[CV 5/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=10;; score=(train=-1722.757, test=-2927.278)

total time= 0.8s

[CV 2/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20

[CV 2/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20;; score=(train=-1477.658, test=-2944.864)

total time= 1.5s

[CV 5/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8, min_samples_split=15, n_estimators=20

[CV 5/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,


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min_samples_split=15, n_estimators=20;; score=(train=-1334.803, test=-3103.198)
total time= 1.5s
[CV 2/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-647.397, test=-3179.806)
total time= 3.8s
[CV 5/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-699.397, test=-3302.202)
total time= 3.8s
[CV 3/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-225.866, test=-3363.231)
total time= 7.5s
[CV 1/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-30.783, test=-3131.513)
total time= 15.1s
[CV 4/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-11.305, test=-3272.182)
total time= 18.8s
[CV 5/5; 1877/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1877/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1836.958, test=-2840.827)
total time= 0.8s
[CV 2/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1414.198, test=-3002.730)
total time= 1.5s
[CV 4/5; 1878/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 1878/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1408.875, test=-2947.356)
total time= 1.5s
[CV 2/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-733.880, test=-3160.179)
total time= 3.8s
[CV 5/5; 1879/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 5/5; 1879/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-767.264, test=-3141.191)
total time= 3.8s
[CV 3/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-278.138, test=-3337.787)
total time= 7.5s
[CV 1/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-45.507, test=-3269.269)
total time= 14.8s
[CV 4/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-21.852, test=-3186.040)
total time= 18.7s
[CV 3/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1819.504, test=-2969.886)
total time= 0.7s
[CV 5/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1836.958, test=-2839.480)
total time= 0.8s
[CV 2/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1414.198, test=-2999.310)
total time= 1.5s
[CV 5/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1355.653, test=-2950.444)
total time= 1.5s
[CV 3/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-672.784, test=-3288.509)
total time= 3.7s
[CV 1/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-270.604, test=-3228.365)

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total time= 7.4s
[CV 4/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-290.508, test=-3164.108)
total time= 7.5s
[CV 5/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-51.303, test=-3160.395)
total time= 15.6s
[CV 3/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.243, test=-3376.171)
total time= 37.4s
[CV 2/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1477.658, test=-2938.647)
total time= 1.6s
[CV 5/5; 1857/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1857/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1334.803, test=-3101.330)
total time= 1.5s
[CV 3/5; 1858/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1858/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-660.789, test=-3480.058)
total time= 3.8s
[CV 1/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-242.979, test=-3131.503)
total time= 7.6s
[CV 4/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-221.843, test=-3260.498)
total time= 7.6s
[CV 5/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-30.768, test=-3387.231)
total time= 15.2s
[CV 3/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

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[CV 3/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.094, test=-3386.045)
total time= 37.8s

[CV 4/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200

[CV 4/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-32.176, test=-3279.937)
total time= 15.1s

[CV 2/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 2/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.125, test=-3314.017)
total time= 37.6s

[CV 3/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 3/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-28.252, test=-3447.099)
total time= 15.1s

[CV 1/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 1/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.101, test=-3119.105)
total time= 37.6s

[CV 2/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 2/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-50.157, test=-3262.641)
total time= 14.9s

[CV 5/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 5/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-20.106, test=-3306.956)
total time= 18.7s

[CV 4/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 4/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1408.875, test=-2957.339)
total time= 1.5s

[CV 2/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 2/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-733.880, test=-3166.289)
total time= 3.8s

[CV 5/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 5/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-709.793, test=-3091.137)
total time= 3.7s

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[CV 3/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-278.138, test=-3347.595)
total time= 7.5s
[CV 1/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-45.507, test=-3266.237)
total time= 14.1s
[CV 4/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-21.852, test=-3179.741)
total time= 18.7s
[CV 3/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1819.504, test=-2980.132)
total time= 0.8s
[CV 5/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1734.582, test=-2912.365)
total time= 0.7s
[CV 2/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1414.198, test=-2997.028)
total time= 1.5s
[CV 4/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1408.875, test=-2951.101)
total time= 1.5s
[CV 2/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-733.880, test=-3151.542)
total time= 3.8s
[CV 5/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-709.793, test=-3081.488)
total time= 3.7s
[CV 3/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100;; score=(train=-278.138, test=-3348.193)
total time= 7.4s
[CV 1/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-45.507, test=-3280.411)
total time= 14.8s
[CV 4/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-21.852, test=-3182.524)
total time= 18.5s
[CV 1/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-704.465, test=-3049.948)
total time= 3.8s
[CV 4/5; 1851/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1851/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-708.545, test=-3191.658)
total time= 3.7s
[CV 2/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-221.915, test=-3279.325)
total time= 7.5s
[CV 5/5; 1852/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1852/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-222.179, test=-3361.126)
total time= 7.5s
[CV 1/5; 1854/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1854/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-11.605, test=-3123.904)
total time= 18.8s
[CV 4/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.109, test=-3287.955)
total time= 37.7s
[CV 2/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-12.444, test=-3284.593)
total time= 18.8s
[CV 5/5; 1862/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500
[CV 5/5; 1862/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.082, test=-3373.292)
total time= 37.6s
[CV 3/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-12.572, test=-3271.286)
total time= 18.8s
[CV 1/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1886.533, test=-2688.195)
total time= 0.8s
[CV 2/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1836.548, test=-2718.693)
total time= 0.8s
[CV 3/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1838.022, test=-2920.714)
total time= 0.8s
[CV 4/5; 1870/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1870/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1859.191, test=-2796.112)
total time= 0.8s
[CV 1/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1442.078, test=-2933.441)
total time= 1.5s
[CV 4/5; 1871/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1871/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1490.159, test=-3017.385)
total time= 1.5s
[CV 3/5; 1872/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1872/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-720.427, test=-3214.390)
total time= 3.8s
[CV 1/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-242.979, test=-3125.460)

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total time= 7.6s
[CV 4/5; 1873/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1873/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-221.843, test=-3276.638)
total time= 7.5s
[CV 4/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-32.176, test=-3275.346)
total time= 15.0s
[CV 2/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.125, test=-3281.020)
total time= 37.5s
[CV 3/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-43.423, test=-3351.704)
total time= 14.9s
[CV 1/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.333, test=-3277.572)
total time= 37.2s
[CV 2/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-50.157, test=-3256.313)
total time= 15.4s
[CV 1/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.333, test=-3256.307)
total time= 37.2s
[CV 2/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-50.157, test=-3279.405)
total time= 15.0s
[CV 5/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-23.825, test=-3198.101)
total time= 18.7s
[CV 4/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20

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[CV 4/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1408.875, test=-2950.467)
total time= 1.5s

[CV 2/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 2/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-733.880, test=-3159.022)
total time= 3.7s

[CV 5/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50

[CV 3/5; 1859/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 3/5; 1859/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-225.866, test=-3352.563)
total time= 7.6s

[CV 1/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 1/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-30.783, test=-3132.607)
total time= 15.3s

[CV 4/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250

[CV 4/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-11.305, test=-3290.786)
total time= 19.0s

[CV 3/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 3/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1824.516, test=-3013.870)
total time= 0.8s

[CV 5/5; 1863/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10

[CV 5/5; 1863/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1722.757, test=-2924.286)
total time= 0.8s

[CV 3/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20

[CV 3/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1438.943, test=-3097.958)
total time= 1.5s

[CV 1/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 1/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-704.465, test=-3042.814)
total time= 3.8s

[CV 4/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50

[CV 4/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50;; score=(train=-708.545, test=-3196.276)
total time= 3.8s
[CV 2/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-221.915, test=-3276.030)
total time= 7.6s
[CV 5/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-222.179, test=-3352.393)
total time= 7.5s
[CV 1/5; 1868/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 1868/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-11.605, test=-3122.707)
total time= 18.9s
[CV 4/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.109, test=-3275.235)
total time= 37.7s
[CV 2/5; 1875/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 1875/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-12.444, test=-3272.618)
total time= 18.8s
[CV 5/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.082, test=-3371.492)
total time= 37.5s
[CV 3/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-17.154, test=-3362.376)
total time= 18.6s
[CV 1/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1847.077, test=-2658.309)
total time= 0.8s
[CV 2/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1841.865, test=-2868.169)
total time= 0.8s
[CV 4/5; 1884/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10
[CV 4/5; 1884/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1854.709, test=-2838.545)
total time= 0.8s
[CV 1/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1376.558, test=-2901.594)
total time= 1.5s
[CV 3/5; 1885/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 1885/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1395.205, test=-3169.545)
total time= 1.5s
[CV 1/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-713.750, test=-3184.019)
total time= 3.7s
[CV 4/5; 1886/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 1886/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-726.595, test=-3094.372)
total time= 3.7s
[CV 2/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-288.984, test=-3260.860)
total time= 7.4s
[CV 5/5; 1887/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 1887/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-271.341, test=-3296.825)
total time= 7.6s
[CV 1/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-19.160, test=-3271.968)
total time= 18.7s
[CV 4/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.335, test=-3188.981)
total time= 37.2s
[CV 2/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-21.036, test=-3271.564)

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total time= 18.8s
[CV 5/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.461, test=-3195.964)
total time= 37.6s
[CV 4/5; 1838/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-154.538, test=-3337.163)
total time= 7.6s
[CV 5/5; 1839/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1839/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-14.246, test=-3218.121)
total time= 15.2s
[CV 3/5; 1841/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1841/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.015, test=-3403.177)
total time= 38.1s
[CV 4/5; 1846/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1846/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-31.088, test=-3065.959)
total time= 15.3s
[CV 2/5; 1848/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1848/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.060, test=-3176.525)
total time= 37.2s
[CV 3/5; 1853/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1853/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-32.885, test=-3269.571)
total time= 15.2s
[CV 1/5; 1855/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1855/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.129, test=-3192.515)
total time= 37.4s
[CV 2/5; 1860/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 1860/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-34.340, test=-3293.189)
total time= 15.1s
[CV 5/5; 1861/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 1861/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-11.447, test=-3388.412)

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total time= 18.8s
[CV 2/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1477.658, test=-2932.502)
total time= 1.6s
[CV 5/5; 1864/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 1864/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1334.803, test=-3111.210)
total time= 1.5s
[CV 3/5; 1865/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 1865/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-611.878, test=-3313.088)
total time= 3.8s
[CV 1/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-242.979, test=-3120.326)
total time= 7.6s
[CV 4/5; 1866/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 1866/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-221.843, test=-3249.943)
total time= 7.6s
[CV 5/5; 1867/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1867/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-30.768, test=-3374.621)
total time= 15.2s
[CV 3/5; 1869/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 1869/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.099, test=-3376.536)
total time= 37.8s
[CV 5/5; 1874/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1874/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-30.768, test=-3377.337)
total time= 15.2s
[CV 3/5; 1876/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1876/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.085, test=-3462.363)
total time= 37.9s
[CV 5/5; 1881/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

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[CV 5/5; 1881/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-45.532, test=-3298.809)
total time= 15.0s

[CV 3/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 3/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.243, test=-3361.508)
total time= 37.5s

[CV 4/5; 1888/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 4/5; 1888/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-49.943, test=-3199.038)
total time= 15.0s

[CV 2/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 2/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.397, test=-3272.185)
total time= 37.1s

[CV 3/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 3/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-43.423, test=-3382.933)
total time= 14.8s

[CV 1/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 1/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.333, test=-3258.946)
total time= 36.9s

[CV 2/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 2/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-50.157, test=-3263.417)
total time= 14.9s

[CV 5/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 5/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-21.138, test=-3194.014)
total time= 18.7s

[CV 1/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 1/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-272.518, test=-3285.347)
total time= 2.3s

[CV 4/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 4/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-325.138, test=-3121.789)
total time= 2.3s

[CV 2/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 2/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-3.620, test=-2863.120)
total time= 5.6s
[CV 2/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-288.984, test=-3259.097)
total time= 7.5s
[CV 5/5; 1880/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=100
[CV 5/5; 1880/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=100;; score=(train=-273.400, test=-3183.718)
total time= 7.5s
[CV 1/5; 1882/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 1/5; 1882/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-19.160, test=-3273.109)
total time= 18.6s
[CV 4/5; 1883/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500
[CV 4/5; 1883/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=2, n_estimators=500;; score=(train=-0.335, test=-3182.756)
total time= 37.8s
[CV 2/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 2/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-21.036, test=-3282.061)
total time= 18.9s
[CV 5/5; 1890/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 5/5; 1890/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-0.250, test=-3195.826)
total time= 37.1s
[CV 3/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 3/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-17.154, test=-3369.645)
total time= 18.6s
[CV 1/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 1/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1847.077, test=-2652.384)
total time= 0.8s
[CV 3/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 3/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1819.504, test=-2981.300)
total time= 0.8s

[CV 5/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10
[CV 5/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=10;; score=(train=-1836.812, test=-2799.254) total time= 0.8s

[CV 2/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 2/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1414.198, test=-3004.354) total time= 1.5s

[CV 5/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20
[CV 5/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=20;; score=(train=-1476.114, test=-2946.275) total time= 1.5s

[CV 3/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50
[CV 3/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=50;; score=(train=-672.784, test=-3313.405) total time= 3.7s

[CV 1/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 1/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-270.604, test=-3229.573) total time= 7.5s

[CV 4/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 4/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-290.508, test=-3160.023) total time= 7.4s

[CV 4/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 4/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-49.943, test=-3202.759) total time= 14.8s

[CV 2/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500
[CV 2/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10, min_samples_split=15, n_estimators=500;; score=(train=-0.397, test=-3279.771) total time= 37.1s

[CV 4/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 4/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-0.030, test=-3108.278) total time= 11.4s

[CV 2/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250
[CV 2/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,


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min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-2877.927)
total time= 27.9s
[CV 5/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3355.033)
total time= 57.8s
[CV 3/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3338.319)
total time= 27.8s
[CV 1/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-934.656, test=-2873.200)
total time= 1.1s
[CV 2/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-909.729, test=-3111.965)
total time= 1.1s
[CV 4/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1088.349, test=-3080.107)
total time= 1.2s
[CV 1/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-334.113, test=-2963.469)
total time= 2.2s
[CV 3/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-348.560, test=-3304.718)
total time= 2.2s
[CV 5/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-382.300, test=-3158.658)
total time= 2.2s
[CV 3/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-27.233, test=-3309.880)
total time= 5.5s
[CV 1/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100
[CV 2/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1841.865, test=-2864.936)
total time= 0.8s
[CV 4/5; 1891/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 1891/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1854.709, test=-2813.484)
total time= 0.8s
[CV 1/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1376.558, test=-2905.932)
total time= 1.5s
[CV 3/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1395.205, test=-3151.289)
total time= 1.5s
[CV 5/5; 1892/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 1892/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1476.114, test=-2934.814)
total time= 1.5s
[CV 3/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-672.784, test=-3284.010)
total time= 3.8s
[CV 1/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-270.604, test=-3229.025)
total time= 7.4s
[CV 4/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-290.508, test=-3156.111)
total time= 7.4s
[CV 5/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-47.544, test=-3194.071)
total time= 14.9s
[CV 3/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

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[CV 3/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.243, test=-3345.858)
total time= 37.5s

[CV 5/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 5/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-58.494, test=-3187.203)
total time= 15.0s

[CV 3/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 3/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.243, test=-3374.830)
total time= 37.2s

[CV 5/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 5/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.011, test=-3357.523)
total time= 11.3s

[CV 3/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250

[CV 3/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3486.684)
total time= 28.0s

[CV 1/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 1/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-724.162, test=-3051.677)
total time= 1.1s

[CV 2/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 2/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-909.096, test=-3079.145)
total time= 1.1s

[CV 3/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 3/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-681.935, test=-3294.397)
total time= 1.1s

[CV 4/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 4/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1065.369, test=-3155.005)
total time= 1.2s

[CV 5/5; 1912/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10

[CV 5/5; 1912/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-823.030, test=-3415.614)
total time= 1.1s

[CV 1/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 1/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-249.575, test=-3242.430)
total time= 2.3s
[CV 2/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 2/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-314.306, test=-3156.614)
total time= 2.3s
[CV 3/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20
[CV 3/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-164.373, test=-3453.611)
total time= 2.2s
[CV 1/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 1/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-10.968, test=-3223.990)
total time= 5.6s
[CV 4/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50
[CV 4/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-11.030, test=-3222.504)
total time= 5.7s
[CV 2/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 2/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-0.026, test=-3165.794)
total time= 11.2s
[CV 5/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100
[CV 5/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-0.040, test=-3455.399)
total time= 11.4s
[CV 4/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200
[CV 4/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3236.404)
total time= 22.5s
[CV 2/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500
[CV 2/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3169.399)
total time= 58.2s
[CV 4/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200
[CV 4/5; 1895/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200
[CV 4/5; 1895/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-49.943, test=-3186.855)
total time= 14.8s
[CV 2/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.397, test=-3285.348)
total time= 37.0s
[CV 3/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-43.423, test=-3376.460)
total time= 15.1s
[CV 1/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.333, test=-3271.613)
total time= 37.7s
[CV 1/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3343.340)
total time= 22.3s
[CV 4/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3166.778)
total time= 28.0s
[CV 4/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-337.696, test=-3217.154)
total time= 2.3s
[CV 2/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-7.693, test=-3200.826)
total time= 5.6s
[CV 5/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-12.614, test=-3477.044)
total time= 5.7s
[CV 3/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.026, test=-3340.494)

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total time= 11.1s
[CV 1/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3245.615)
total time= 22.5s
[CV 4/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3259.941)
total time= 28.1s
[CV 3/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-785.691, test=-3292.570)
total time= 1.1s
[CV 5/5; 1919/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 1919/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-885.633, test=-3085.951)
total time= 1.1s
[CV 2/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-418.560, test=-3152.810)
total time= 2.2s
[CV 4/5; 1920/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 1920/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-450.510, test=-3126.844)
total time= 2.3s
[CV 1/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-28.820, test=-3101.507)
total time= 5.7s
[CV 4/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-40.721, test=-3191.529)
total time= 5.9s
[CV 2/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.635, test=-3174.441)
total time= 11.5s
[CV 1/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

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[CV 1/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-2991.719)
total time= 22.9s

[CV 3/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250

[CV 3/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3307.561)
total time= 28.4s

[CV 1/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 1/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1090.386, test=-2939.482)
total time= 1.1s

[CV 2/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 2/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1075.509, test=-3032.279)
total time= 1.1s

[CV 3/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 3/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1066.211, test=-3361.910)
total time= 1.1s

[CV 5/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

[CV 5/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1061.193, test=-3113.640)
total time= 1.2s

[CV 2/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 2/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-520.436, test=-3038.180)
total time= 2.3s

[CV 4/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 4/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-690.032, test=-3179.927)
total time= 2.3s

[CV 2/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 2/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-60.054, test=-3065.095)
total time= 5.7s

[CV 5/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 2/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10

[CV 2/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10;; score=(train=-1841.865, test=-2868.169)
total time= 0.8s
[CV 4/5; 1898/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 1898/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1854.709, test=-2819.015)
total time= 0.8s
[CV 1/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1376.558, test=-2902.789)
total time= 1.5s
[CV 3/5; 1899/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 1899/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1395.205, test=-3156.219)
total time= 1.5s
[CV 1/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-713.750, test=-3180.983)
total time= 3.7s
[CV 4/5; 1900/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-726.595, test=-3098.252)
total time= 4.0s
[CV 2/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-288.984, test=-3263.078)
total time= 7.6s
[CV 5/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-291.398, test=-3192.492)
total time= 7.4s
[CV 1/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-19.160, test=-3285.055)
total time= 18.5s
[CV 4/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.335, test=-3186.077)
total time= 37.0s
[CV 5/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200
[CV 5/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3365.743)
total time= 22.3s
[CV 2/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-2903.170)
total time= 58.6s
[CV 5/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3477.777)
total time= 22.3s
[CV 3/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3335.345)
total time= 57.9s
[CV 1/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-2985.160)
total time= 28.1s
[CV 4/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3186.392)
total time= 56.6s
[CV 2/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3054.753)
total time= 27.8s
[CV 5/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3246.929)
total time= 55.5s
[CV 3/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3455.329)
total time= 27.8s
[CV 1/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-999.085, test=-3144.206)

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total time= 1.1s
[CV 2/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1053.486, test=-3027.787)
total time= 1.1s
[CV 3/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1016.646, test=-3176.349)
total time= 1.2s
[CV 4/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1112.143, test=-3150.419)
total time= 1.1s
[CV 1/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-471.584, test=-3223.207)
total time= 2.3s
[CV 3/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-386.049, test=-3300.958)
total time= 2.3s
[CV 5/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-437.606, test=-3198.236)
total time= 2.3s
[CV 3/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-36.252, test=-3333.621)
total time= 5.7s
[CV 1/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1.489, test=-3261.566)
total time= 11.5s
[CV 4/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1900/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-767.264, test=-3137.832)
total time= 3.8s
[CV 3/5; 1901/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100

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[CV 3/5; 1901/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-278.138, test=-3348.453)
total time= 7.5s

[CV 1/5; 1902/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200

[CV 1/5; 1902/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-45.507, test=-3266.503)
total time= 14.9s

[CV 4/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 4/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-21.852, test=-3211.102)
total time= 18.7s

[CV 2/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 2/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-659.955, test=-2986.672)
total time= 1.1s

[CV 4/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 4/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-860.611, test=-3066.369)
total time= 1.2s

[CV 2/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 2/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-170.321, test=-2888.055)
total time= 2.2s

[CV 5/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

[CV 5/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-222.375, test=-3371.352)
total time= 2.3s

[CV 3/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50

[CV 3/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-4.286, test=-3477.251)
total time= 5.6s

[CV 1/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100

[CV 1/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.019, test=-3370.281)
total time= 11.3s

[CV 2/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200

[CV 2/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3164.088)
total time= 22.4s

[CV 5/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250

[CV 5/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3374.740)

total time= 27.8s

[CV 5/5; 1913/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20

[CV 5/5; 1913/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=20;; score=(train=-292.159, test=-3455.040)

total time= 2.3s

[CV 3/5; 1914/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50

[CV 3/5; 1914/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=50;; score=(train=-7.190, test=-3346.999)

total time= 5.6s

[CV 1/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100

[CV 1/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-0.034, test=-3196.103)

total time= 11.3s

[CV 4/5; 1915/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100

[CV 4/5; 1915/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=100;; score=(train=-0.039, test=-3225.365)

total time= 11.3s

[CV 2/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200

[CV 2/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3145.645)

total time= 22.4s

[CV 5/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250

[CV 5/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3446.386)

total time= 28.0s

[CV 2/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50

[CV 2/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50;; score=(train=-37.305, test=-3173.850)

total time= 5.8s

[CV 5/5; 1921/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50

[CV 5/5; 1921/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=50;; score=(train=-30.528, test=-3188.910)

total time= 5.9s

[CV 3/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=100

[CV 3/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=100;; score=(train=-0.396, test=-3300.748)
total time= 11.1s
[CV 5/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.480, test=-3188.405)
total time= 11.2s
[CV 5/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3184.176)
total time= 22.6s
[CV 3/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3304.433)
total time= 56.0s
[CV 4/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.004, test=-3302.992)
total time= 22.6s
[CV 2/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3072.333)
total time= 56.2s
[CV 4/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3264.689)
total time= 22.1s
[CV 3/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3338.708)
total time= 55.7s
[CV 3/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3324.181)
total time= 22.6s
[CV 5/5; 1889/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 1889/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-21.138, test=-3203.495)
total time= 18.9s
[CV 1/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50
[CV 1/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-713.750, test=-3165.247)
total time= 3.8s
[CV 4/5; 1893/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 1893/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-726.595, test=-3121.216)
total time= 3.7s
[CV 2/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-288.984, test=-3270.293)
total time= 7.5s
[CV 5/5; 1894/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 1894/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-273.400, test=-3175.217)
total time= 7.5s
[CV 1/5; 1896/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 1896/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-19.160, test=-3264.974)
total time= 18.7s
[CV 4/5; 1897/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 1897/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.335, test=-3191.373)
total time= 37.5s
[CV 2/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-21.036, test=-3270.281)
total time= 18.6s
[CV 5/5; 1904/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 1904/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.461, test=-3208.244)
total time= 37.0s
[CV 1/5; 1910/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 1910/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3300.208)
total time= 27.9s
[CV 4/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3130.457)

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total time= 58.4s
[CV 2/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3173.549)
total time= 28.0s
[CV 5/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3467.753)
total time= 58.1s
[CV 4/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3191.869)
total time= 28.0s
[CV 4/5; 1926/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 1926/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1168.201, test=-3124.703)
total time= 1.1s
[CV 1/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-446.058, test=-3190.636)
total time= 2.2s
[CV 3/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-503.704, test=-3526.380)
total time= 2.3s
[CV 1/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-51.045, test=-3193.586)
total time= 5.6s
[CV 4/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-78.054, test=-3281.836)
total time= 5.7s
[CV 2/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2.300, test=-3066.404)
total time= 11.2s
[CV 5/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

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[CV 5/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2.394, test=-3234.526)
total time= 11.1s

[CV 1/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 1/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3222.073)
total time= 27.8s

[CV 4/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 4/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3293.203)
total time= 55.7s

[CV 2/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 2/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3221.774)
total time= 27.7s

[CV 5/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500

[CV 5/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3202.237)
total time= 55.7s

[CV 3/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 3/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3340.510)
total time= 28.7s

[CV 1/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 1/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-999.085, test=-3166.022)
total time= 1.1s

[CV 2/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 2/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1053.486, test=-3044.001)
total time= 1.2s

[CV 4/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10

[CV 3/5; 1903/2352] START learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 3/5; 1903/2352] END learning_rate=0.75, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-17.154, test=-3367.793)
total time= 18.8s

[CV 1/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10

[CV 1/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,


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min_samples_split=2, n_estimators=10;; score=(train=-779.080, test=-3192.741)
total time= 1.2s
[CV 3/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-732.741, test=-3513.499)
total time= 1.1s
[CV 5/5; 1905/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 1905/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-941.419, test=-3266.773)
total time= 1.2s
[CV 3/5; 1906/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 1906/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-186.832, test=-3516.480)
total time= 2.3s
[CV 1/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-9.807, test=-3282.913)
total time= 5.7s
[CV 4/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-9.867, test=-3089.931)
total time= 5.7s
[CV 2/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.015, test=-3109.767)
total time= 11.3s
[CV 3/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3497.038)
total time= 22.7s
[CV 1/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3330.254)
total time= 57.7s
[CV 3/5; 1916/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 1916/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3316.452)
total time= 22.4s
[CV 1/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=500
[CV 1/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3261.981)
total time= 57.7s
[CV 3/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3308.098)
total time= 22.4s
[CV 1/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-2969.805)
total time= 56.4s
[CV 2/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3065.994)
total time= 22.4s
[CV 5/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3255.123)
total time= 27.8s
[CV 5/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-437.606, test=-3197.226)
total time= 2.2s
[CV 3/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-41.992, test=-3434.055)
total time= 5.5s
[CV 1/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1.489, test=-3271.545)
total time= 11.0s
[CV 4/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1.099, test=-3263.099)
total time= 11.0s
[CV 5/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3201.660)

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total time= 21.8s
[CV 2/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3216.817)
total time= 55.7s
[CV 2/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3227.022)
total time= 22.6s
[CV 5/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3222.435)
total time= 28.0s
[CV 5/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-437.606, test=-3202.312)
total time= 2.2s
[CV 3/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-36.252, test=-3324.836)
total time= 5.6s
[CV 1/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.489, test=-3251.244)
total time= 11.3s
[CV 4/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.099, test=-3261.734)
total time= 11.3s
[CV 5/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-76.041, test=-3241.727)
total time= 5.7s
[CV 3/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-2.255, test=-3573.983)
total time= 11.2s
[CV 1/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

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[CV 1/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3218.344)
total time= 22.4s

[CV 4/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

[CV 4/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3295.744)
total time= 28.1s

[CV 3/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 3/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1016.646, test=-3181.196)
total time= 1.1s

[CV 5/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10

[CV 5/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1067.176, test=-3106.944)
total time= 1.1s

[CV 2/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 2/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-554.520, test=-3152.083)
total time= 2.3s

[CV 4/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

[CV 4/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-480.749, test=-3253.472)
total time= 2.2s

[CV 2/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 2/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-59.138, test=-3235.508)
total time= 5.5s

[CV 5/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

[CV 5/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-36.358, test=-3197.371)
total time= 5.5s

[CV 3/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100

[CV 3/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.843, test=-3335.974)
total time= 11.0s

[CV 1/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 1/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3250.881)
total time= 22.1s

[CV 4/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250

[CV 4/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3268.014) total time= 27.6s

[CV 5/5; 1940/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10

[CV 5/5; 1940/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=10;; score=(train=-1067.176, test=-3112.103) total time= 1.1s

[CV 2/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20

[CV 2/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-554.520, test=-3151.516) total time= 2.3s

[CV 4/5; 1941/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20

[CV 4/5; 1941/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=20;; score=(train=-480.749, test=-3250.540) total time= 2.2s

[CV 2/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50

[CV 2/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-59.138, test=-3206.685) total time= 5.6s

[CV 5/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50

[CV 5/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50;; score=(train=-36.358, test=-3200.785) total time= 5.7s

[CV 3/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100

[CV 3/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-0.843, test=-3330.535) total time= 11.2s

[CV 1/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200

[CV 1/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3266.656) total time= 22.8s

[CV 4/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=250

[CV 4/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3264.350) total time= 27.9s

[CV 3/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=10

[CV 3/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10;; score=(train=-1016.646, test=-3179.821)
total time= 1.1s
[CV 5/5; 1947/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1067.176, test=-3114.465)
total time= 1.1s
[CV 2/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-554.520, test=-3157.074)
total time= 2.3s
[CV 4/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-480.749, test=-3262.646)
total time= 2.3s
[CV 2/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-59.138, test=-3220.344)
total time= 5.6s
[CV 5/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-36.358, test=-3205.191)
total time= 5.6s
[CV 3/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.449, test=-3444.748)
total time= 11.3s
[CV 1/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3280.637)
total time= 22.4s
[CV 5/5; 1907/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 1907/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-4.563, test=-3357.637)
total time= 5.6s
[CV 3/5; 1908/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 1908/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.019, test=-3523.483)
total time= 11.2s
[CV 4/5; 1909/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200
[CV 4/5; 1909/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3091.236)
total time= 22.9s
[CV 3/5; 1911/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 1911/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3454.099)
total time= 58.6s
[CV 1/5; 1917/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 1917/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3237.761)
total time= 28.5s
[CV 4/5; 1918/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 1918/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3221.145)
total time= 58.0s
[CV 2/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3273.819)
total time= 28.1s
[CV 5/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3200.417)
total time= 56.9s
[CV 3/5; 1931/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 1931/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3570.452)
total time= 28.2s
[CV 1/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-999.085, test=-3139.863)
total time= 1.1s
[CV 2/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1053.486, test=-3038.681)
total time= 1.1s
[CV 4/5; 1933/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 1933/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1112.143, test=-3151.693)

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total time= 1.1s
[CV 1/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-471.584, test=-3255.054)
total time= 2.2s
[CV 3/5; 1934/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 1934/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-386.049, test=-3311.571)
total time= 2.2s
[CV 1/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-54.743, test=-3263.718)
total time= 5.6s
[CV 4/5; 1935/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 1935/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-37.244, test=-3266.302)
total time= 5.5s
[CV 2/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-1.070, test=-3224.931)
total time= 11.1s
[CV 5/5; 1936/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 1936/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.817, test=-3214.357)
total time= 11.1s
[CV 1/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3251.000)
total time= 28.0s
[CV 4/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3266.558)
total time= 56.5s
[CV 2/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3211.599)
total time= 28.6s
[CV 5/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

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[CV 5/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3202.038)
total time= 55.3s
[CV 3/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3340.144)
total time= 27.8s
[CV 1/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1149.858, test=-2992.430)
total time= 1.1s
[CV 2/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1242.814, test=-2895.719)
total time= 1.2s
[CV 4/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1214.854, test=-2980.162)
total time= 1.1s
[CV 1/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-644.369, test=-3148.034)
total time= 2.3s
[CV 3/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-624.118, test=-3272.045)
total time= 2.2s
[CV 1/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.294, test=-2999.460)
total time= 11.4s
[CV 4/5; 1922/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 1922/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.504, test=-3224.085)
total time= 11.3s
[CV 2/5; 1923/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3285.254)
total time= 22.8s

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[CV 5/5; 1924/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250
[CV 5/5; 1924/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3201.380)
total time= 28.4s

[CV 5/5; 1927/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20
[CV 5/5; 1927/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=20;; score=(train=-589.415, test=-3179.726)
total time= 2.3s

[CV 3/5; 1928/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50
[CV 3/5; 1928/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=50;; score=(train=-59.284, test=-3573.244)
total time= 5.7s

[CV 1/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 1/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-1.346, test=-3204.360)
total time= 11.1s

[CV 4/5; 1929/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100
[CV 4/5; 1929/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=100;; score=(train=-3.388, test=-3297.743)
total time= 11.3s

[CV 3/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 3/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3581.503)
total time= 22.5s

[CV 1/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 1/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3222.328)
total time= 56.4s

[CV 2/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200
[CV 2/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3225.718)
total time= 22.4s

[CV 5/5; 1938/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250
[CV 5/5; 1938/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3207.579)
total time= 27.7s

[CV 1/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=50
[CV 1/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=5, n_estimators=50;; score=(train=-54.743, test=-3268.605)
total time= 5.7s
[CV 4/5; 1942/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 1942/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-37.244, test=-3260.091)
total time= 5.6s
[CV 2/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-1.070, test=-3226.167)
total time= 11.2s
[CV 5/5; 1943/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.817, test=-3196.792)
total time= 11.3s
[CV 1/5; 1945/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 1945/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3254.902)
total time= 28.7s
[CV 4/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3265.683)
total time= 56.1s
[CV 2/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3213.417)
total time= 28.2s
[CV 5/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3204.377)
total time= 55.1s
[CV 3/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3429.523)
total time= 27.5s
[CV 1/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1147.851, test=-3083.842)
total time= 1.1s
[CV 2/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10
[CV 2/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1193.754, test=-2940.228)
total time= 1.1s
[CV 3/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1163.525, test=-3291.806)
total time= 1.1s
[CV 5/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1120.473, test=-3193.246)
total time= 1.1s
[CV 2/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-618.329, test=-3044.589)
total time= 2.2s
[CV 5/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-660.873, test=-3216.575)
total time= 2.2s
[CV 3/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-111.022, test=-3416.119)
total time= 5.4s
[CV 1/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-9.797, test=-3146.353)
total time= 10.9s
[CV 1/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3254.852)
total time= 56.4s
[CV 2/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3218.650)
total time= 22.7s
[CV 5/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3193.612)

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total time= 27.6s
[CV 4/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-564.041, test=-3160.731)
total time= 2.3s
[CV 2/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-83.862, test=-3079.690)
total time= 5.5s
[CV 5/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-67.449, test=-3234.722)
total time= 5.5s
[CV 3/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-3.501, test=-3423.197)
total time= 11.0s
[CV 1/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.009, test=-3164.687)
total time= 22.2s
[CV 4/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3213.119)
total time= 27.5s
[CV 4/5; 1961/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 1961/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1146.064, test=-3149.168)
total time= 1.1s
[CV 1/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-622.170, test=-3144.926)
total time= 2.2s
[CV 4/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-663.533, test=-3147.643)
total time= 2.1s
[CV 2/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

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[CV 2/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-93.125, test=-3103.990)
total time= 5.4s

[CV 5/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50

[CV 5/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-115.738, test=-3281.490)
total time= 5.5s

[CV 3/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

[CV 3/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-10.105, test=-3426.361)
total time= 11.0s

[CV 1/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 1/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.050, test=-3160.596)
total time= 21.8s

[CV 4/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 4/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.005, test=-3200.293)
total time= 27.3s

[CV 2/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 2/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1193.754, test=-2947.187)
total time= 1.1s

[CV 4/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10

[CV 4/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1146.064, test=-3134.128)
total time= 1.1s

[CV 1/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 1/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-622.170, test=-3158.846)
total time= 2.2s

[CV 4/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 4/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-622.974, test=-3143.230)
total time= 2.1s

[CV 2/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 2/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-93.125, test=-3094.417)
total time= 5.3s

[CV 5/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50
[CV 5/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=50;; score=(train=-115.738, test=-3280.917)
total time= 5.4s

[CV 3/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100
[CV 3/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=100;; score=(train=-6.269, test=-3415.533)
total time= 10.8s

[CV 1/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200
[CV 1/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=200;; score=(train=-0.050, test=-3134.838)
total time= 21.7s

[CV 4/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 4/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-0.003, test=-3177.440)
total time= 27.1s

[CV 3/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 3/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-1225.517, test=-3292.689)
total time= 1.1s

[CV 5/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10
[CV 5/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=10;; score=(train=-1120.473, test=-3188.558)
total time= 1.1s

[CV 2/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 4/5; 1923/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3187.552)
total time= 22.6s

[CV 2/5; 1925/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500
[CV 2/5; 1925/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3290.888)
total time= 56.5s

[CV 5/5; 1930/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200
[CV 5/5; 1930/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3227.786)
total time= 22.2s

[CV 3/5; 1932/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=2, min_samples_split=15, n_estimators=500
[CV 3/5; 1932/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3580.008)
total time= 55.9s
[CV 3/5; 1937/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 1937/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3334.539)
total time= 22.1s
[CV 1/5; 1939/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 1939/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3253.711)
total time= 56.2s
[CV 4/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3265.076)
total time= 23.0s
[CV 2/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3207.823)
total time= 56.4s
[CV 3/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3333.938)
total time= 22.5s
[CV 1/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3250.661)
total time= 55.1s
[CV 2/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.008, test=-3103.034)
total time= 21.9s
[CV 5/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3258.450)
total time= 27.3s
[CV 3/5; 1962/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 1962/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-701.478, test=-3410.506)
total time= 2.2s
[CV 1/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=2, n_estimators=50
[CV 1/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-122.511, test=-3149.663)
total time= 5.4s
[CV 4/5; 1963/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 1963/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-127.752, test=-3194.905)
total time= 5.4s
[CV 2/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-6.163, test=-3100.492)
total time= 10.8s
[CV 5/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-6.571, test=-3282.395)
total time= 10.8s
[CV 1/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.005, test=-3139.497)
total time= 27.0s
[CV 4/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3234.995)
total time= 54.3s
[CV 2/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.003, test=-3107.190)
total time= 27.1s
[CV 5/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3292.664)
total time= 53.7s
[CV 3/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.002, test=-3405.139)
total time= 27.5s
[CV 1/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1147.851, test=-3083.531)

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total time= 1.1s
[CV 2/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1193.754, test=-2954.058)
total time= 1.1s
[CV 3/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1225.517, test=-3294.980)
total time= 1.1s
[CV 4/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1146.064, test=-3133.592)
total time= 1.1s
[CV 1/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-622.170, test=-3151.047)
total time= 2.2s
[CV 4/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-641.325, test=-3194.221)
total time= 2.2s
[CV 2/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-93.125, test=-3106.565)
total time= 5.4s
[CV 4/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3261.847)
total time= 27.9s
[CV 3/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1216.196, test=-3157.879)
total time= 1.2s
[CV 5/5; 1954/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 1954/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1072.288, test=-3115.955)
total time= 1.1s
[CV 2/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

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[CV 2/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-669.363, test=-3011.987)
total time= 2.3s

[CV 5/5; 1955/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

[CV 5/5; 1955/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-519.414, test=-3229.020)
total time= 2.2s

[CV 3/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50

[CV 3/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-80.937, test=-3425.572)
total time= 5.5s

[CV 1/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 1/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-3.952, test=-3173.443)
total time= 11.1s

[CV 4/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 4/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-3.965, test=-3233.209)
total time= 11.1s

[CV 5/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 5/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.008, test=-3254.472)
total time= 22.1s

[CV 3/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 3/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3429.772)
total time= 55.0s

[CV 4/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 4/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.057, test=-3225.503)
total time= 21.8s

[CV 2/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500

[CV 2/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3115.314)
total time= 54.3s

[CV 2/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200

[CV 2/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.039, test=-3108.136)
total time= 21.6s

[CV 5/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250
[CV 5/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=5, n_estimators=250;; score=(train=-0.001, test=-3285.044)
total time= 26.7s
[CV 5/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 5/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-660.873, test=-3226.392)
total time= 2.2s
[CV 3/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 3/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-111.022, test=-3410.156)
total time= 5.4s
[CV 1/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 1/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-9.797, test=-3141.165)
total time= 10.0s
[CV 4/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 4/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-10.924, test=-3198.709)
total time= 10.9s
[CV 4/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200
[CV 4/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=200;; score=(train=-0.039, test=-3178.044)
total time= 21.8s
[CV 3/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 3/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3411.882)
total time= 53.3s
[CV 2/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200
[CV 2/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-0.039, test=-3105.038)
total time= 21.5s
[CV 5/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 5/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.001, test=-3299.307)
total time= 26.8s
[CV 3/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=20
[CV 3/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-797.377, test=-3183.817)
total time= 2.1s
[CV 1/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-167.763, test=-3158.195)
total time= 5.3s
[CV 4/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-206.235, test=-3176.789)
total time= 5.5s
[CV 2/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-16.696, test=-3239.862)
total time= 10.7s
[CV 5/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-12.976, test=-3287.168)
total time= 10.8s
[CV 1/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.036, test=-3163.045)
total time= 26.8s
[CV 4/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 1947/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1112.143, test=-3143.324)
total time= 1.1s
[CV 1/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-471.584, test=-3245.935)
total time= 2.3s
[CV 3/5; 1948/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 1948/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-386.049, test=-3288.995)
total time= 2.3s
[CV 1/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-54.743, test=-3269.414)
total time= 5.7s
[CV 4/5; 1949/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=50
[CV 4/5; 1949/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-37.244, test=-3263.906)
total time= 5.6s
[CV 2/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-1.070, test=-3211.687)
total time= 11.1s
[CV 5/5; 1950/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 1950/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.817, test=-3203.402)
total time= 11.1s
[CV 1/5; 1952/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 1952/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3272.128)
total time= 28.3s
[CV 4/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3268.189)
total time= 55.8s
[CV 2/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.001, test=-3093.062)
total time= 27.8s
[CV 5/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3238.215)
total time= 55.3s
[CV 3/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.002, test=-3526.082)
total time= 27.2s
[CV 1/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1147.851, test=-3097.226)
total time= 1.1s
[CV 3/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1243.947, test=-3251.457)

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total time= 1.1s
[CV 5/5; 1968/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 1968/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1120.473, test=-3190.562)
total time= 1.1s
[CV 2/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-618.329, test=-3032.343)
total time= 2.2s
[CV 5/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-660.873, test=-3220.132)
total time= 2.2s
[CV 3/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-116.972, test=-3526.485)
total time= 5.5s
[CV 1/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-9.797, test=-3118.329)
total time= 11.0s
[CV 4/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-8.652, test=-3240.729)
total time= 10.9s
[CV 5/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.019, test=-3286.278)
total time= 21.5s
[CV 3/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3408.037)
total time= 54.0s
[CV 5/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.019, test=-3287.097)
total time= 21.7s
[CV 2/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

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[CV 2/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3101.962) total time= 54.2s

[CV 3/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200

[CV 3/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=200;; score=(train=-0.028, test=-3406.251) total time= 21.7s

[CV 1/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500

[CV 1/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3143.218) total time= 54.2s

[CV 2/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200

[CV 2/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=200;; score=(train=-0.196, test=-3244.669) total time= 21.2s

[CV 5/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250

[CV 5/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-0.011, test=-3301.695) total time= 26.6s

[CV 2/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20

[CV 2/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-772.102, test=-3105.607) total time= 2.2s

[CV 4/5; 1943/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=100;; score=(train=-1.099, test=-3261.197) total time= 11.4s

[CV 5/5; 1944/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200

[CV 5/5; 1944/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3200.829) total time= 22.8s

[CV 3/5; 1946/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500

[CV 3/5; 1946/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3435.716) total time= 55.6s

[CV 4/5; 1951/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200

[CV 4/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3262.240) total time= 22.3s

[CV 2/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5, min_samples_split=10, n_estimators=500

[CV 2/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3204.134)
total time= 55.5s

[CV 3/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200

[CV 3/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.006, test=-3428.473)
total time= 21.9s

[CV 1/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500

[CV 1/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3096.231)
total time= 55.4s

[CV 2/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200

[CV 2/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.039, test=-3105.455)
total time= 21.7s

[CV 5/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250

[CV 5/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.001, test=-3283.529)
total time= 26.9s

[CV 3/5; 1969/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

[CV 3/5; 1969/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-653.278, test=-3468.838)
total time= 2.2s

[CV 1/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 1/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-122.511, test=-3123.250)
total time= 5.5s

[CV 4/5; 1970/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50

[CV 4/5; 1970/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-131.221, test=-3187.920)
total time= 5.5s

[CV 2/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 2/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-6.163, test=-3111.908)
total time= 10.9s

[CV 5/5; 1971/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100

[CV 5/5; 1971/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-6.571, test=-3280.257)
total time= 10.9s

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[CV 1/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.005, test=-3134.460)
total time= 27.1s
[CV 4/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3196.492)
total time= 54.9s
[CV 2/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.003, test=-3108.422)
total time= 27.2s
[CV 5/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3289.578)
total time= 53.9s
[CV 3/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.002, test=-3519.763)
total time= 27.1s
[CV 1/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1293.776, test=-2928.212)
total time= 1.1s
[CV 3/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1452.780, test=-3018.261)
total time= 1.1s
[CV 5/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1414.655, test=-3003.050)
total time= 1.1s
[CV 2/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-772.102, test=-3118.837)
total time= 2.2s
[CV 5/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=2, n_estimators=20;; score=(train=-830.367, test=-3099.732)
total time= 2.2s
[CV 3/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-150.938, test=-3267.348)
total time= 5.4s
[CV 1/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-19.753, test=-3161.900)
total time= 10.8s
[CV 4/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-17.886, test=-3192.906)
total time= 10.8s
[CV 5/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.126, test=-3308.908)
total time= 21.4s
[CV 3/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3269.568)
total time= 53.2s
[CV 1/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-91.887, test=-3184.555)
total time= 5.6s
[CV 4/5; 1956/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 1956/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-85.843, test=-3220.322)
total time= 5.5s
[CV 2/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-2.889, test=-3095.322)
total time= 11.0s
[CV 5/5; 1957/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 1957/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-3.392, test=-3248.523)
total time= 11.1s
[CV 1/5; 1959/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 1959/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3185.374)
total time= 27.7s
[CV 4/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3215.266)
total time= 55.1s
[CV 2/5; 1966/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 1966/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.003, test=-3113.025)
total time= 27.0s
[CV 5/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3282.916)
total time= 53.4s
[CV 3/5; 1973/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 1973/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.002, test=-3401.548)
total time= 27.3s
[CV 1/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1147.851, test=-3083.437)
total time= 1.1s
[CV 2/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1193.754, test=-2952.435)
total time= 1.1s
[CV 4/5; 1975/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 1975/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1154.604, test=-3110.286)
total time= 1.1s
[CV 1/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-622.170, test=-3144.766)
total time= 2.2s
[CV 3/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-653.278, test=-3473.900)
total time= 2.3s
[CV 1/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50
[CV 1/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-122.511, test=-3112.655)
total time= 5.5s
[CV 4/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-127.752, test=-3177.006)
total time= 5.9s
[CV 3/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-6.759, test=-3517.015)
total time= 11.0s
[CV 1/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.050, test=-3133.974)
total time= 21.9s
[CV 4/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.005, test=-3232.775)
total time= 27.5s
[CV 5/5; 1982/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 1982/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1120.473, test=-3194.397)
total time= 1.1s
[CV 2/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-618.329, test=-3036.596)
total time= 2.2s
[CV 5/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-660.873, test=-3221.980)
total time= 2.2s
[CV 3/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-116.972, test=-3516.358)
total time= 5.4s
[CV 1/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-9.797, test=-3126.609)

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total time= 11.0s
[CV 4/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-8.652, test=-3230.981)
total time= 11.2s
[CV 5/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.019, test=-3289.108)
total time= 21.5s
[CV 3/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3412.184)
total time= 54.0s
[CV 4/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.250, test=-3190.360)
total time= 21.3s
[CV 2/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3255.382)
total time= 53.8s
[CV 5/5; 1951/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3212.411)
total time= 22.5s
[CV 3/5; 1953/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 1953/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3341.869)
total time= 55.4s
[CV 4/5; 1958/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 1958/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.008, test=-3224.115)
total time= 22.1s
[CV 2/5; 1960/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 1960/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3104.690)
total time= 55.6s
[CV 3/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.027, test=-3522.973)

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total time= 21.7s
[CV 1/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3128.947)
total time= 54.7s
[CV 4/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.039, test=-3184.199)
total time= 21.7s
[CV 1/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3122.385)
total time= 53.6s
[CV 2/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.039, test=-3106.707)
total time= 21.7s
[CV 5/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.001, test=-3289.305)
total time= 26.9s
[CV 3/5; 1983/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 1983/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-687.351, test=-3351.511)
total time= 2.2s
[CV 1/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-122.511, test=-3130.581)
total time= 5.4s
[CV 4/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-127.752, test=-3180.058)
total time= 5.4s
[CV 2/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-6.163, test=-3112.319)
total time= 10.8s
[CV 5/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100

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[CV 5/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-6.571, test=-3288.858)
total time= 11.3s

[CV 1/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 1/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.005, test=-3131.414)
total time= 27.4s

[CV 4/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 4/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3187.725)
total time= 54.6s

[CV 2/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 2/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.024, test=-3258.584)
total time= 26.8s

[CV 5/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 5/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3307.172)
total time= 53.1s

[CV 3/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250

[CV 3/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.019, test=-3270.953)
total time= 26.8s

[CV 1/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 1/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1293.776, test=-2939.599)
total time= 1.1s

[CV 2/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 2/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1329.827, test=-2887.404)
total time= 1.1s

[CV 3/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 3/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1452.780, test=-3017.812)
total time= 1.1s

[CV 4/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

[CV 4/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1466.054, test=-2908.916)
total time= 1.1s

[CV 1/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 1/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-776.339, test=-3050.344)
total time= 2.1s
[CV 4/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20
[CV 4/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=20;; score=(train=-853.033, test=-3089.819)
total time= 2.2s
[CV 2/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 2/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-184.429, test=-3061.582)
total time= 5.3s
[CV 5/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50
[CV 5/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=50;; score=(train=-141.833, test=-3285.874)
total time= 5.2s
[CV 3/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100
[CV 3/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=100;; score=(train=-17.748, test=-3271.117)
total time= 10.6s
[CV 2/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-618.329, test=-3030.796)
total time= 2.1s
[CV 4/5; 1976/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20
[CV 4/5; 1976/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=20;; score=(train=-641.325, test=-3185.042)
total time= 2.2s
[CV 2/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 2/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-93.125, test=-3101.251)
total time= 5.3s
[CV 5/5; 1977/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 5/5; 1977/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-115.738, test=-3275.769)
total time= 5.5s
[CV 2/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 2/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-6.163, test=-3105.935)
total time= 11.0s

[CV 5/5; 1978/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100

[CV 5/5; 1978/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-6.571, test=-3285.421) total time= 10.9s

[CV 1/5; 1980/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250

[CV 1/5; 1980/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-0.005, test=-3126.882) total time= 27.5s

[CV 4/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500

[CV 4/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3199.133) total time= 55.4s

[CV 2/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250

[CV 2/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.003, test=-3100.294) total time= 27.2s

[CV 5/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500

[CV 5/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3278.292) total time= 53.6s

[CV 4/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250

[CV 4/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-0.029, test=-3199.186) total time= 27.2s

[CV 2/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10

[CV 2/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-1367.181, test=-2962.735) total time= 1.1s

[CV 4/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10

[CV 4/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-1466.054, test=-2904.889) total time= 1.1s

[CV 1/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20

[CV 1/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-776.339, test=-3055.044) total time= 2.2s

[CV 4/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20

[CV 4/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=20;; score=(train=-853.033, test=-3085.642)
total time= 2.2s
[CV 2/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-162.455, test=-3249.315)
total time= 5.4s
[CV 5/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-162.204, test=-3303.149)
total time= 5.4s
[CV 3/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-17.748, test=-3268.541)
total time= 11.0s
[CV 1/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.261, test=-3151.546)
total time= 21.2s
[CV 4/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.029, test=-3196.285)
total time= 27.2s
[CV 5/5; 2003/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 2003/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1247.170, test=-3125.230)
total time= 1.1s
[CV 2/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-772.102, test=-3119.271)
total time= 2.2s
[CV 5/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-830.367, test=-3105.022)
total time= 2.2s
[CV 3/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-150.938, test=-3262.170)
total time= 5.3s
[CV 1/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=100
[CV 1/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-19.753, test=-3177.881)
total time= 10.7s
[CV 4/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-17.886, test=-3193.497)
total time= 10.8s
[CV 5/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.120, test=-3297.338)
total time= 21.4s
[CV 3/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3255.952)
total time= 53.4s
[CV 5/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 1984/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 1984/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-115.738, test=-3280.638)
total time= 5.5s
[CV 3/5; 1985/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 1985/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-6.759, test=-3511.991)
total time= 10.9s
[CV 1/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.050, test=-3140.176)
total time= 21.5s
[CV 4/5; 1987/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 1987/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.003, test=-3199.176)
total time= 27.4s
[CV 2/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1329.827, test=-2873.531)
total time= 1.1s
[CV 4/5; 1989/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10

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[CV 4/5; 1989/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1466.054, test=-2900.357)
total time= 1.1s

[CV 1/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 1/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-776.339, test=-3059.780)
total time= 2.2s

[CV 4/5; 1990/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

[CV 4/5; 1990/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-853.033, test=-3086.682)
total time= 2.2s

[CV 2/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 2/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-184.429, test=-3066.396)
total time= 5.4s

[CV 5/5; 1991/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

[CV 5/5; 1991/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-162.204, test=-3294.118)
total time= 5.3s

[CV 3/5; 1992/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100

[CV 3/5; 1992/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-17.748, test=-3271.448)
total time= 10.7s

[CV 1/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 1/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.261, test=-3161.547)
total time= 21.2s

[CV 3/5; 1994/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250

[CV 3/5; 1994/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.019, test=-3269.134)
total time= 27.0s

[CV 1/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 1/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1293.776, test=-2937.311)
total time= 1.1s

[CV 3/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10

[CV 3/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1452.780, test=-3026.925)
total time= 1.1s

[CV 5/5; 1996/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 5/5; 1996/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10;; score=(train=-1247.170, test=-3135.342) total time= 1.1s
[CV 3/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20
[CV 3/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=20;; score=(train=-797.377, test=-3186.223) total time= 2.2s
[CV 1/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 1/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=50;; score=(train=-167.763, test=-3154.044) total time= 5.4s
[CV 4/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=50
[CV 4/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=50;; score=(train=-206.235, test=-3173.166) total time= 5.5s
[CV 2/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 2/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-16.696, test=-3254.059) total time= 10.8s
[CV 5/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100
[CV 5/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=100;; score=(train=-17.178, test=-3303.130) total time= 10.7s
[CV 1/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250
[CV 1/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=250;; score=(train=-0.036, test=-3178.766) total time= 26.7s
[CV 4/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500
[CV 4/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3190.437) total time= 53.4s
[CV 2/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250
[CV 2/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=250;; score=(train=-0.024, test=-3240.276) total time= 26.9s
[CV 5/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=10, n_estimators=500
[CV 5/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3308.812)
total time= 53.2s
[CV 3/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.019, test=-3267.527)
total time= 26.6s
[CV 1/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2158.027, test=-2576.254)
total time= 0.5s
[CV 2/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2165.708, test=-2697.809)
total time= 0.5s
[CV 3/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 1964/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 1964/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-10.924, test=-3186.132)
total time= 11.0s
[CV 5/5; 1965/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 1965/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.019, test=-3303.259)
total time= 21.5s
[CV 3/5; 1967/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 1967/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3420.504)
total time= 54.1s
[CV 3/5; 1972/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 1972/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.027, test=-3413.894)
total time= 22.1s
[CV 2/5; 1974/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 1974/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3118.754)
total time= 54.6s
[CV 3/5; 1979/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 1979/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.028, test=-3410.460)

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total time= 22.0s
[CV 1/5; 1981/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 1981/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3149.860)
total time= 54.6s
[CV 4/5; 1986/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 1986/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.039, test=-3185.117)
total time= 21.8s
[CV 2/5; 1988/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 1988/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3112.423)
total time= 54.3s
[CV 3/5; 1993/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 1993/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.169, test=-3288.275)
total time= 21.3s
[CV 1/5; 1995/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 1/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3160.733)
total time= 53.9s
[CV 2/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.196, test=-3253.118)
total time= 21.4s
[CV 5/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.011, test=-3301.999)
total time= 26.7s
[CV 3/5; 2004/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 2004/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-797.377, test=-3182.678)
total time= 2.1s
[CV 1/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-167.763, test=-3168.868)
total time= 5.4s
[CV 4/5; 2005/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

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[CV 4/5; 2005/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-206.235, test=-3177.255)
total time= 5.4s

[CV 2/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 2/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-16.696, test=-3250.815)
total time= 10.8s

[CV 5/5; 2006/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100

[CV 5/5; 2006/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-22.007, test=-3254.630)
total time= 10.9s

[CV 1/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250

[CV 1/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.036, test=-3156.716)
total time= 27.2s

[CV 4/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

[CV 4/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3193.363)
total time= 54.2s

[CV 2/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250

[CV 2/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.024, test=-3234.659)
total time= 26.7s

[CV 5/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500

[CV 5/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3300.405)
total time= 53.1s

[CV 5/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

[CV 5/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1841.637, test=-3129.198)
total time= 1.0s

[CV 3/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50

[CV 3/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1344.753, test=-3680.879)
total time= 2.5s

[CV 1/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100

[CV 1/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-834.869, test=-3169.966)
total time= 4.9s

[CV 4/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-815.653, test=-3160.208)
total time= 4.9s
[CV 3/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-290.047, test=-3888.037)
total time= 9.9s
[CV 1/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-16.474, test=-3260.915)
total time= 24.8s
[CV 2/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.169, test=-3277.749)
total time= 21.6s
[CV 1/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3169.192)
total time= 54.0s
[CV 3/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.169, test=-3274.251)
total time= 21.4s
[CV 5/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.011, test=-3300.516)
total time= 26.7s
[CV 4/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-853.033, test=-3100.116)
total time= 2.2s
[CV 2/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-162.455, test=-3230.466)
total time= 5.3s
[CV 1/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100
[CV 1/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-19.753, test=-3173.314)
total time= 10.7s
[CV 4/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-17.886, test=-3208.769)
total time= 10.8s
[CV 4/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.250, test=-3183.871)
total time= 21.6s
[CV 3/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3275.029)
total time= 53.1s
[CV 2/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-159.148, test=-3390.790)
total time= 12.1s
[CV 4/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-21.173, test=-3289.834)
total time= 24.4s
[CV 3/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-183.314, test=-3915.526)
total time= 12.2s
[CV 1/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2169.780, test=-2595.608)
total time= 0.5s
[CV 2/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2195.551, test=-2762.714)
total time= 0.5s
[CV 4/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2184.634, test=-2772.176)

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total time= 0.5s
[CV 1/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1874.033, test=-2766.532)
total time= 1.0s
[CV 4/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1919.099, test=-2886.892)
total time= 1.0s
[CV 2/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1428.625, test=-3177.230)
total time= 2.5s
[CV 5/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1385.815, test=-3259.819)
total time= 2.5s
[CV 3/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-866.569, test=-3611.226)
total time= 4.9s
[CV 1/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-334.644, test=-3394.168)
total time= 9.8s
[CV 3/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-216.847, test=-3730.537)
total time= 12.4s
[CV 1/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2189.086, test=-2546.875)
total time= 0.5s
[CV 2/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2226.231, test=-2704.836)
total time= 0.5s
[CV 4/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

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[CV 4/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2184.634, test=-2772.176)
total time= 0.5s

[CV 2/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 2/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1948.114, test=-2909.756)
total time= 1.0s

[CV 5/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20

[CV 5/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1900.263, test=-3012.370)
total time= 1.0s

[CV 3/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50

[CV 5/5; 1997/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20

[CV 5/5; 1997/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-691.988, test=-3222.717)
total time= 2.1s

[CV 3/5; 1998/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50

[CV 3/5; 1998/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-150.938, test=-3271.302)
total time= 5.3s

[CV 1/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 1/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-19.753, test=-3167.006)
total time= 10.8s

[CV 4/5; 1999/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100

[CV 4/5; 1999/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-17.886, test=-3196.501)
total time= 10.9s

[CV 5/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 5/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.172, test=-3210.963)
total time= 21.4s

[CV 3/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500

[CV 3/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3272.267)
total time= 53.2s

[CV 4/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200

[CV 4/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=200;; score=(train=-0.250, test=-3195.947)
total time= 21.6s
[CV 2/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3256.963)
total time= 53.9s
[CV 3/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.169, test=-3273.774)
total time= 21.6s
[CV 1/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3171.254)
total time= 53.9s
[CV 3/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-170.239, test=-3835.795)
total time= 12.3s
[CV 1/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2158.027, test=-2576.254)
total time= 0.5s
[CV 3/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2165.198, test=-3082.478)
total time= 0.5s
[CV 5/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2113.817, test=-3019.691)
total time= 0.5s
[CV 2/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1862.901, test=-2976.431)
total time= 1.0s
[CV 4/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1957.575, test=-2867.738)
total time= 1.0s
[CV 2/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50
[CV 2/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1280.892, test=-3197.163)
total time= 2.5s
[CV 5/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1362.421, test=-3294.760)
total time= 2.5s
[CV 3/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-805.748, test=-3780.921)
total time= 4.9s
[CV 1/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-302.453, test=-3252.226)
total time= 9.8s
[CV 2/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-186.661, test=-3400.504)
total time= 12.2s
[CV 5/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-16.611, test=-3478.797)
total time= 24.5s
[CV 4/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-206.672, test=-3462.716)
total time= 12.4s
[CV 3/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2189.759, test=-2978.547)
total time= 0.5s
[CV 5/5; 2038/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 2038/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-2118.458, test=-3025.659)
total time= 0.5s
[CV 3/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1916.579, test=-3112.114)

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total time= 1.0s
[CV 1/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1412.077, test=-3080.275)
total time= 2.5s
[CV 4/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1399.154, test=-3102.101)
total time= 2.5s
[CV 2/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100

[CV 4/5; 1995/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3199.804)
total time= 54.1s
[CV 2/5; 2001/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2001/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.024, test=-3255.346)
total time= 26.9s
[CV 5/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3297.792)
total time= 52.3s
[CV 3/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.019, test=-3269.438)
total time= 26.9s
[CV 1/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1293.776, test=-2947.288)
total time= 1.0s
[CV 2/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1329.827, test=-2891.054)
total time= 1.1s
[CV 3/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1452.780, test=-3019.423)
total time= 1.1s
[CV 4/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,

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min_samples_split=15, n_estimators=10
[CV 4/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1466.054, test=-2896.474)
total time= 1.1s
[CV 1/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-776.339, test=-3060.666)
total time= 2.1s
[CV 3/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-797.377, test=-3184.789)
total time= 2.1s
[CV 1/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-167.763, test=-3151.329)
total time= 5.3s
[CV 4/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-206.235, test=-3179.560)
total time= 5.4s
[CV 2/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-16.696, test=-3251.003)
total time= 10.6s
[CV 5/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-12.976, test=-3298.841)
total time= 10.8s
[CV 1/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.036, test=-3169.032)
total time= 27.0s
[CV 4/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3193.304)
total time= 54.0s
[CV 3/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-14.837, test=-3800.208)

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total time= 24.5s
[CV 1/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-182.801, test=-3255.920)
total time= 12.2s
[CV 4/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-18.913, test=-3289.057)
total time= 24.5s
[CV 2/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-214.369, test=-3403.516)
total time= 12.2s
[CV 5/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-27.516, test=-3540.173)
total time= 24.5s
[CV 4/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-253.940, test=-3405.246)
total time= 12.2s
[CV 3/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2137.821, test=-2947.278)
total time= 0.5s
[CV 5/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2148.508, test=-2905.033)
total time= 0.5s
[CV 3/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1925.894, test=-2988.632)
total time= 1.0s
[CV 1/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1436.196, test=-3105.706)
total time= 2.4s
[CV 4/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50

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[CV 4/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1395.857, test=-2980.831)
total time= 2.5s
[CV 2/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-883.961, test=-3259.415)
total time= 4.9s
[CV 5/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-889.282, test=-3326.331)
total time= 4.9s
[CV 1/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.261, test=-3166.210)
total time= 21.3s
[CV 4/5; 2008/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2008/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.029, test=-3194.478)
total time= 26.8s
[CV 5/5; 2010/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2010/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1414.655, test=-2986.727)
total time= 1.1s
[CV 2/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-759.750, test=-3044.686)
total time= 2.1s
[CV 5/5; 2011/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2011/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-779.996, test=-3225.367)
total time= 2.2s
[CV 3/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-150.938, test=-3258.165)
total time= 5.3s
[CV 5/5; 2012/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 2012/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-162.204, test=-3291.714)
total time= 5.3s

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[CV 3/5; 2013/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100
[CV 3/5; 2013/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=100;; score=(train=-17.748, test=-3268.828)
total time= 10.8s

[CV 1/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200
[CV 1/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=200;; score=(train=-0.261, test=-3170.209)
total time= 21.6s

[CV 4/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250
[CV 4/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10, min_samples_split=15, n_estimators=250;; score=(train=-0.029, test=-3194.489)
total time= 27.1s

[CV 2/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 2/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1862.901, test=-2958.893)
total time= 1.0s

[CV 4/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20
[CV 4/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=20;; score=(train=-1957.575, test=-2882.528)
total time= 1.0s

[CV 1/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 1/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-1300.693, test=-3053.639)
total time= 2.5s

[CV 4/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 4/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=(train=-1393.917, test=-3141.644)
total time= 2.5s

[CV 2/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 2/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-765.104, test=-3352.776)
total time= 4.9s

[CV 5/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100
[CV 5/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=100;; score=(train=-772.950, test=-3548.025)
total time= 4.9s

[CV 3/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2, min_samples_split=2, n_estimators=200
[CV 3/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200;; score=(train=-287.615, test=-3814.987)
total time= 9.9s
[CV 1/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-185.525, test=-3511.883)
total time= 12.3s
[CV 2/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-16.252, test=-3392.435)
total time= 24.6s
[CV 5/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-291.940, test=-3500.221)
total time= 9.9s
[CV 3/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-15.120, test=-3931.654)
total time= 24.7s
[CV 1/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-219.934, test=-3450.326)
total time= 12.3s
[CV 4/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-23.334, test=-3500.556)
total time= 24.8s
[CV 2/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-254.436, test=-3691.190)
total time= 12.4s
[CV 5/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-34.947, test=-3556.229)
total time= 24.7s
[CV 3/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-255.711, test=-3556.885)
total time= 12.4s
[CV 1/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=10
[CV 1/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2189.915, test=-2544.076)
total time= 0.5s
[CV 2/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2173.414, test=-2698.280)
total time= 0.6s
[CV 3/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2159.564, test=-3111.782)
total time= 0.5s
[CV 4/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2177.063, test=-2783.525)
total time= 0.5s
[CV 5/5; 2017/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 2017/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-2121.654, test=-2945.117)
total time= 0.5s
[CV 1/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1879.515, test=-2750.933)
total time= 1.0s
[CV 3/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1877.262, test=-3328.257)
total time= 1.0s
[CV 5/5; 2018/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2018/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1860.653, test=-3092.257)
total time= 1.0s
[CV 2/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1266.776, test=-3142.898)
total time= 2.5s
[CV 5/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1312.025, test=-3246.988)

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total time= 2.5s
[CV 3/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-793.632, test=-3794.800)
total time= 4.9s
[CV 1/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-294.715, test=-3464.117)
total time= 9.8s
[CV 4/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-319.809, test=-3218.549)
total time= 9.8s
[CV 5/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-191.109, test=-3677.499)
total time= 12.2s
[CV 5/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-17.065, test=-3622.179)
total time= 24.2s
[CV 4/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-187.853, test=-3301.308)
total time= 12.4s
[CV 3/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2142.724, test=-3029.739)
total time= 0.5s
[CV 5/5; 2031/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 2031/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-2083.353, test=-3027.063)
total time= 0.5s
[CV 2/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1935.444, test=-3022.733)
total time= 1.0s
[CV 5/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20

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[CV 5/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1839.929, test=-3158.613)
total time= 1.0s

[CV 3/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50

[CV 3/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1363.899, test=-3418.806)
total time= 2.5s

[CV 1/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 1/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-858.177, test=-3261.488)
total time= 5.0s

[CV 4/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100

[CV 4/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-862.427, test=-3390.677)
total time= 5.0s

[CV 3/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200

[CV 3/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-342.101, test=-3730.339)
total time= 9.9s

[CV 1/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500

[CV 1/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-24.872, test=-3447.704)
total time= 24.7s

[CV 3/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

[CV 3/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-334.238, test=-3731.926)
total time= 9.9s

[CV 1/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500

[CV 1/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-37.888, test=-3481.267)
total time= 24.7s

[CV 2/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200

[CV 2/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-371.846, test=-3341.037)
total time= 9.8s

[CV 5/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250

[CV 5/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-241.406, test=-3425.882)
total time= 12.4s


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[CV 2/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1883.524, test=-2836.249)
total time= 1.0s
[CV 5/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1911.126, test=-2979.352)
total time= 1.0s
[CV 3/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.126, test=-3312.909)
total time= 21.3s
[CV 2/5; 2016/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 2016/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3063.026)
total time= 53.9s
[CV 4/5; 2022/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 2022/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-190.932, test=-3254.407)
total time= 12.3s
[CV 2/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2165.708, test=-2705.660)
total time= 0.5s
[CV 4/5; 2024/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 2024/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-2177.063, test=-2784.916)
total time= 0.5s
[CV 1/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1888.204, test=-2753.082)
total time= 1.0s
[CV 3/5; 2025/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 2025/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1898.475, test=-3239.494)
total time= 1.0s
[CV 1/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=5, n_estimators=50;; score=(train=-1405.265, test=-2980.818)
total time= 2.5s
[CV 4/5; 2026/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 2026/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1380.486, test=-3089.255)
total time= 2.5s
[CV 2/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-758.553, test=-3216.293)
total time= 4.8s
[CV 5/5; 2027/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2027/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-813.158, test=-3417.819)
total time= 4.8s
[CV 4/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-306.969, test=-3264.801)
total time= 9.9s
[CV 2/5; 2030/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 2030/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-15.923, test=-3457.758)
total time= 24.5s
[CV 4/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-330.065, test=-3478.689)
total time= 9.8s
[CV 2/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-22.615, test=-3439.425)
total time= 24.5s
[CV 2/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-386.941, test=-3650.749)
total time= 9.9s
[CV 5/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-233.424, test=-3537.982)
total time= 12.3s
[CV 1/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=2, n_estimators=20
[CV 1/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1943.388, test=-2735.526)
total time= 1.0s
[CV 4/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1881.525, test=-2848.796)
total time= 1.0s
[CV 2/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1372.084, test=-3046.493)
total time= 2.5s
[CV 5/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1387.276, test=-3243.077)
total time= 2.5s
[CV 3/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-891.378, test=-3411.024)
total time= 4.9s
[CV 1/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-389.376, test=-3403.848)
total time= 9.8s
[CV 4/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-243.744, test=-3308.591)
total time= 12.4s
[CV 5/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2148.508, test=-2905.033)
total time= 0.5s
[CV 3/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1925.894, test=-2984.213)
total time= 1.0s
[CV 1/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1436.196, test=-3107.441)

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total time= 2.5s
[CV 4/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1395.857, test=-2983.620)
total time= 2.5s
[CV 2/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-883.961, test=-3248.260)
total time= 4.9s
[CV 5/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2000/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2000/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.250, test=-3192.160)
total time= 21.5s
[CV 2/5; 2002/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2002/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3073.576)
total time= 53.8s
[CV 2/5; 2007/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2007/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.252, test=-3064.742)
total time= 21.6s
[CV 1/5; 2009/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 2009/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3166.155)
total time= 53.8s
[CV 2/5; 2014/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 2014/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-0.252, test=-3064.619)
total time= 21.7s
[CV 5/5; 2015/2352] START learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 2015/2352] END learning_rate=0.75, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-0.011, test=-3298.154)
total time= 26.7s
[CV 3/5; 2019/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 2019/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1353.633, test=-3640.479)
total time= 2.5s

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[CV 1/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-803.009, test=-3353.583)
total time= 5.0s
[CV 4/5; 2020/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 2020/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-803.204, test=-3166.291)
total time= 4.9s
[CV 2/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-263.982, test=-3412.130)
total time= 9.8s
[CV 5/5; 2021/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 2021/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-312.745, test=-3608.454)
total time= 9.9s
[CV 1/5; 2023/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 2023/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-16.713, test=-3517.790)
total time= 24.5s
[CV 2/5; 2028/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 2028/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-290.589, test=-3362.722)
total time= 9.9s
[CV 5/5; 2029/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 2029/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-181.551, test=-3509.344)
total time= 12.3s
[CV 3/5; 2032/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 2032/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1913.455, test=-3133.584)
total time= 1.0s
[CV 1/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-1352.084, test=-3033.119)
total time= 2.5s
[CV 4/5; 2033/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 2033/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50;; score=(train=-1365.311, test=-3231.224)
total time= 2.5s
[CV 2/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-900.856, test=-3319.992)
total time= 5.0s
[CV 5/5; 2034/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 2034/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-883.580, test=-3441.589)
total time= 5.0s
[CV 5/5; 2035/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-363.441, test=-3473.985)
total time= 9.9s
[CV 3/5; 2037/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 2037/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-22.809, test=-3700.243)
total time= 24.6s
[CV 5/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-352.228, test=-3496.387)
total time= 9.9s
[CV 3/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-27.506, test=-3801.879)
total time= 24.6s
[CV 4/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-368.497, test=-3325.085)
total time= 9.9s
[CV 2/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-34.739, test=-3412.058)
total time= 24.6s
[CV 2/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-371.846, test=-3355.722)
total time= 9.8s
[CV 5/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=5, n_estimators=250
[CV 5/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-241.406, test=-3406.902)
total time= 12.0s
[CV 5/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1911.126, test=-2965.331)
total time= 1.0s
[CV 3/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1398.073, test=-3215.364)
total time= 2.5s
[CV 2/5; 2035/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-348.652, test=-3398.882)
total time= 9.9s
[CV 5/5; 2036/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 2036/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-236.646, test=-3507.598)
total time= 12.4s
[CV 1/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1927.333, test=-2714.684)
total time= 1.0s
[CV 4/5; 2039/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 2039/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1925.330, test=-2907.886)
total time= 1.0s
[CV 2/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1448.301, test=-3189.599)
total time= 2.5s
[CV 5/5; 2040/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1380.228, test=-3266.296)
total time= 2.5s
[CV 3/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-826.346, test=-3638.846)
total time= 5.0s
[CV 1/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 1/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-401.981, test=-3477.321)
total time= 9.9s
[CV 3/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-217.892, test=-3778.496)
total time= 12.3s
[CV 1/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2189.915, test=-2539.225)
total time= 0.5s
[CV 2/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2173.414, test=-2711.645)
total time= 0.5s
[CV 4/5; 2045/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 2045/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-2175.300, test=-2686.869)
total time= 0.5s
[CV 2/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1883.524, test=-2824.855)
total time= 1.0s
[CV 5/5; 2046/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 2046/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1911.126, test=-2968.664)
total time= 1.0s
[CV 3/5; 2047/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 2047/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-1398.073, test=-3201.915)
total time= 2.5s
[CV 1/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-928.881, test=-3271.070)
total time= 5.0s
[CV 4/5; 2048/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 2048/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-872.241, test=-3216.581)

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total time= 4.9s
[CV 5/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-367.124, test=-3396.387)
total time= 9.9s
[CV 3/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-36.879, test=-3588.762)
total time= 24.4s
[CV 4/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-368.497, test=-3308.772)
total time= 9.7s
[CV 2/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-34.739, test=-3406.840)
total time= 24.1s
[CV 2/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-371.846, test=-3347.881)
total time= 9.7s
[CV 5/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-241.406, test=-3417.043)
total time= 12.2s
[CV 3/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1932.609, test=-3071.809)
total time= 1.0s
[CV 1/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1466.464, test=-2922.551)
total time= 2.4s
[CV 4/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1419.292, test=-3154.372)
total time= 2.5s
[CV 2/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

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[CV 2/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-1045.503, test=-3236.779)
total time= 4.9s

[CV 5/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100

[CV 5/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-885.837, test=-3392.943)
total time= 4.9s

[CV 1/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 1/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-293.468, test=-3305.635)
total time= 12.2s

[CV 3/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2137.821, test=-2951.115)
total time= 0.5s

[CV 4/5; 2052/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

[CV 4/5; 2052/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-2175.300, test=-2668.740)
total time= 0.5s

[CV 1/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 1/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1943.388, test=-2729.366)
total time= 1.0s

[CV 4/5; 2053/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20

[CV 4/5; 2053/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1881.525, test=-2855.970)
total time= 1.0s

[CV 2/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 2/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1372.084, test=-3046.493)
total time= 2.5s

[CV 5/5; 2054/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50

[CV 5/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1387.276, test=-3234.785)
total time= 2.5s

[CV 3/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100

[CV 3/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-891.378, test=-3381.279)
total time= 4.9s

[CV 1/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 1/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-389.376, test=-3394.565)
total time= 9.8s
[CV 4/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-243.744, test=-3322.382)
total time= 12.3s
[CV 5/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2148.508, test=-2905.033)
total time= 0.5s
[CV 2/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1883.524, test=-2815.162)
total time= 1.0s
[CV 4/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1881.525, test=-2844.129)
total time= 1.0s
[CV 2/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1372.084, test=-3068.055)
total time= 2.4s
[CV 5/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1387.276, test=-3243.670)
total time= 2.5s
[CV 3/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-891.378, test=-3388.586)
total time= 4.9s
[CV 1/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-389.376, test=-3388.787)
total time= 9.8s
[CV 4/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-243.744, test=-3327.791)
total time= 12.1s

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[CV 2/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2217.947, test=-2600.962)
total time= 0.5s
[CV 4/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2212.171, test=-2682.193)
total time= 0.5s
[CV 1/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1949.603, test=-2673.971)
total time= 1.0s
[CV 4/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1980.263, test=-2800.922)
total time= 1.0s
[CV 2/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1506.242, test=-3049.646)
total time= 2.4s
[CV 5/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1387.101, test=-3241.615)
total time= 2.4s
[CV 3/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-914.284, test=-3513.528)
total time= 4.8s
[CV 1/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-419.946, test=-3254.275)
total time= 9.8s
[CV 4/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-289.986, test=-3447.024)
total time= 12.2s
[CV 4/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=10;; score=(train=-2175.023, test=-2782.771)
total time= 0.5s
[CV 1/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1913.311, test=-2718.735)
total time= 1.0s
[CV 4/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1926.081, test=-2907.607)
total time= 1.0s[CV 2/5; 2041/2352] END learning_rate=1, max_depth=3,
min_samples_leaf=2, min_samples_split=15, n_estimators=100;;
score=(train=-966.929, test=-3539.909) total time= 5.0s
[CV 5/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-815.242, test=-3376.444)
total time= 4.9s
[CV 1/5; 2043/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 2043/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-264.031, test=-3504.331)
total time= 12.4s
[CV 4/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-33.121, test=-3459.065)
total time= 24.7s
[CV 2/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-253.142, test=-3393.596)
total time= 12.4s
[CV 5/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-40.082, test=-3418.426)
total time= 24.5s
[CV 3/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-255.711, test=-3538.407)
total time= 12.1s
[CV 1/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2189.915, test=-2539.225)

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total time= 0.5s
[CV 2/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2173.414, test=-2687.340)
total time= 0.5s
[CV 3/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2137.821, test=-2951.115)
total time= 0.5s
[CV 4/5; 2059/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 2059/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-2175.300, test=-2686.869)
total time= 0.5s
[CV 1/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1943.388, test=-2731.571)
total time= 1.0s
[CV 3/5; 2060/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 2060/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1925.894, test=-2991.681)
total time= 1.0s
[CV 1/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1436.196, test=-3133.844)
total time= 2.5s
[CV 4/5; 2061/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 2061/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-1395.857, test=-2984.456)
total time= 2.5s
[CV 2/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-883.961, test=-3280.522)
total time= 4.9s
[CV 5/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-889.282, test=-3331.122)
total time= 4.9s
[CV 1/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

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[CV 1/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-254.630, test=-3371.049)
total time= 12.2s
[CV 4/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-38.244, test=-3333.649)
total time= 24.2s
[CV 2/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-278.599, test=-3513.229)
total time= 12.0s
[CV 5/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-46.514, test=-3492.274)
total time= 24.3s
[CV 3/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-272.411, test=-3566.605)
total time= 12.1s
[CV 1/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2214.497, test=-2561.161)
total time= 0.5s
[CV 2/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2270.393, test=-2694.336)
total time= 0.5s
[CV 3/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2161.003, test=-2937.804)
total time= 0.5s
[CV 5/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2117.801, test=-2997.246)
total time= 0.5s
[CV 2/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1984.559, test=-2844.277)
total time= 1.0s

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[CV 4/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1926.081, test=-2899.974)
total time= 1.0s
[CV 2/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1431.441, test=-2985.557)
total time= 2.5s
[CV 3/5; 2040/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-1366.837, test=-3445.043)
total time= 2.5s
[CV 1/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-885.008, test=-3384.478)
total time= 5.0s
[CV 4/5; 2041/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 2041/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-924.332, test=-3210.951)
total time= 5.0s
[CV 4/5; 2042/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 2042/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-384.697, test=-3379.933)
total time= 9.9s
[CV 2/5; 2044/2352] START learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 2044/2352] END learning_rate=1, max_depth=3, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-34.994, test=-3755.299)
total time= 24.7s
[CV 3/5; 2049/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 2049/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-380.144, test=-3530.922)
total time= 9.9s
[CV 1/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-35.647, test=-3384.320)
total time= 24.7s
[CV 3/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 3/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-380.144, test=-3521.706)
total time= 9.9s

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[CV 1/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-35.647, test=-3401.168)
total time= 24.3s
[CV 3/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-380.144, test=-3502.141)
total time= 9.9s
[CV 1/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-35.647, test=-3423.740)
total time= 24.4s
[CV 2/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-436.668, test=-3449.374)
total time= 9.8s
[CV 5/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-275.812, test=-3467.875)
total time= 12.1s
[CV 3/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1939.688, test=-3068.259)
total time= 1.0s
[CV 1/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1395.824, test=-2938.088)
total time= 2.4s
[CV 4/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1429.104, test=-3194.874)
total time= 2.4s
[CV 2/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-937.297, test=-3136.455)
total time= 4.8s
[CV 5/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=2, n_estimators=100;; score=(train=-895.851, test=-3329.112)
total time= 4.9s
[CV 1/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-274.932, test=-3313.606)
total time= 12.1s
[CV 4/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-56.541, test=-3395.624)
total time= 24.2s
[CV 2/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-308.728, test=-3286.004)
total time= 12.2s
[CV 5/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-53.917, test=-3445.718)
total time= 24.7s
[CV 3/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-272.411, test=-3598.438)
total time= 12.3s
[CV 1/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2214.497, test=-2561.161)
total time= 0.5s
[CV 2/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2270.393, test=-2694.336)
total time= 0.5s
[CV 3/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2161.003, test=-2937.804)
total time= 0.5s
[CV 4/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2175.023, test=-2782.771)
total time= 0.5s
[CV 5/5; 2094/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=15, n_estimators=10
[CV 5/5; 2094/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-2117.801, test=-2997.246)
total time= 0.5s
[CV 2/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1984.559, test=-2849.949)
total time= 1.0s
[CV 3/5; 2054/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-1398.073, test=-3212.856)
total time= 2.5s
[CV 1/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-928.881, test=-3327.001)
total time= 5.0s
[CV 4/5; 2055/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-872.241, test=-3222.339)
total time= 4.9s
[CV 5/5; 2056/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 2056/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-367.124, test=-3396.641)
total time= 9.6s
[CV 3/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-36.879, test=-3581.189)
total time= 24.5s
[CV 4/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-368.497, test=-3293.989)
total time= 9.9s
[CV 2/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-34.739, test=-3412.999)
total time= 24.6s
[CV 4/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-416.130, test=-3438.211)
total time= 9.9s
[CV 2/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,

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min_samples_split=15, n_estimators=500
[CV 2/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-46.156, test=-3474.473)
total time= 24.2s
[CV 3/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-382.153, test=-3590.205)
total time= 9.7s
[CV 5/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-290.707, test=-3389.324)
total time= 12.1s
[CV 5/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1882.097, test=-3014.573)
total time= 1.0s
[CV 3/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1423.016, test=-3305.328)
total time= 2.5s
[CV 1/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-900.244, test=-3212.959)
total time= 4.8s
[CV 4/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-941.945, test=-3350.003)
total time= 4.8s
[CV 3/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-382.153, test=-3598.517)
total time= 9.8s
[CV 1/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 1/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-46.482, test=-3347.155)
total time= 24.3s
[CV 2/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-438.904, test=-3268.753)

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total time= 9.8s
[CV 5/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-290.707, test=-3403.610)
total time= 12.3s
[CV 4/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1926.081, test=-2905.824)
total time= 1.0s
[CV 1/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1395.824, test=-2921.056)
total time= 2.4s
[CV 4/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1429.104, test=-3176.481)
total time= 2.5s
[CV 3/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-904.535, test=-3459.203)
total time= 5.0s
[CV 1/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-411.967, test=-3290.125)
total time= 9.8s
[CV 4/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-310.570, test=-3351.442)
total time= 12.4s
[CV 4/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2190.241, test=-2706.363)
total time= 0.5s
[CV 1/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1961.529, test=-2796.861)
total time= 1.0s
[CV 3/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20

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[CV 3/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1908.266, test=-3063.543)
total time= 1.0s
[CV 1/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1464.007, test=-3014.495)
total time= 2.5s
[CV 1/5; 2050/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 2050/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-254.630, test=-3385.702)
total time= 12.2s
[CV 4/5; 2051/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 2051/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-38.244, test=-3330.284)
total time= 24.7s
[CV 2/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-253.142, test=-3364.319)
total time= 12.3s
[CV 5/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-40.082, test=-3426.785)
total time= 24.7s
[CV 3/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-255.711, test=-3541.767)
total time= 12.3s
[CV 1/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2197.667, test=-2554.758)
total time= 0.5s
[CV 3/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2155.479, test=-2943.150)
total time= 0.5s
[CV 5/5; 2066/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 2066/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-2096.773, test=-2836.769)
total time= 0.5s

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[CV 2/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-2000.037, test=-2769.211)
total time= 1.0s
[CV 5/5; 2067/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 2067/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1857.339, test=-3007.429)
total time= 1.0s
[CV 3/5; 2068/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2068/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-1398.248, test=-3276.911)
total time= 2.5s
[CV 1/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-948.315, test=-3116.202)
total time= 5.0s
[CV 4/5; 2069/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 2069/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-895.629, test=-3303.392)
total time= 5.0s
[CV 5/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-402.368, test=-3463.864)
total time= 10.2s
[CV 3/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-36.624, test=-3732.803)
total time= 24.7s
[CV 5/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-417.423, test=-3371.610)
total time= 9.7s
[CV 3/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-44.024, test=-3575.177)
total time= 24.2s
[CV 4/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=5, n_estimators=200;; score=(train=-435.235, test=-3351.914)
total time= 9.5s
[CV 2/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-55.681, test=-3298.306)
total time= 25.1s
[CV 4/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-435.235, test=-3330.088)
total time= 9.8s
[CV 2/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 2/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-55.681, test=-3288.060)
total time= 24.6s
[CV 3/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-382.153, test=-3602.969)
total time= 9.8s
[CV 1/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-46.482, test=-3352.907)
total time= 24.4s
[CV 2/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-483.759, test=-3327.645)
total time= 9.7s
[CV 5/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-328.645, test=-3320.062)
total time= 12.1s
[CV 4/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1942.410, test=-2865.455)
total time= 1.0s
[CV 2/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1510.100, test=-3092.745)
total time= 2.5s
[CV 5/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=50
[CV 5/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1425.535, test=-3104.368)
total time= 2.4s
[CV 3/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-937.924, test=-3410.981)
total time= 4.8s
[CV 1/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-928.881, test=-3281.121)
total time= 4.9s
[CV 4/5; 2062/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 2062/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-872.241, test=-3221.378)
total time= 4.9s
[CV 5/5; 2063/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 2063/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-367.124, test=-3393.052)
total time= 9.8s
[CV 3/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-36.879, test=-3611.234)
total time= 24.4s
[CV 3/5; 2070/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 2070/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-394.837, test=-3619.168)
total time= 9.9s
[CV 1/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-45.956, test=-3321.265)
total time= 24.1s
[CV 2/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-438.904, test=-3273.671)
total time= 9.8s
[CV 1/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-46.482, test=-3341.900)

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total time= 24.4s
[CV 2/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-438.904, test=-3272.777)
total time= 9.9s
[CV 5/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-290.707, test=-3378.540)
total time= 12.1s
[CV 3/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1939.688, test=-3066.845)
total time= 1.0s
[CV 1/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1395.824, test=-2929.623)
total time= 2.5s
[CV 4/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1429.104, test=-3190.352)
total time= 2.8s
[CV 2/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-937.297, test=-3132.125)
total time= 4.9s
[CV 5/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-895.851, test=-3342.645)
total time= 4.9s
[CV 1/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-274.932, test=-3324.802)
total time= 12.1s
[CV 4/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-56.541, test=-3413.011)
total time= 24.4s
[CV 2/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

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[CV 2/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-308.728, test=-3257.635)
total time= 12.3s
[CV 5/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-53.917, test=-3470.434)
total time= 24.5s
[CV 3/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-306.296, test=-3583.993)
total time= 12.2s
[CV 1/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2227.025, test=-2627.913)
total time= 0.5s
[CV 2/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2261.229, test=-2685.517)
total time= 0.5s
[CV 3/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2159.141, test=-2938.636)
total time= 0.5s
[CV 5/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2151.233, test=-2859.093)
total time= 0.5s
[CV 2/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-2015.742, test=-2873.738)
total time= 1.0s
[CV 5/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1922.136, test=-2957.080)
total time= 0.9s
[CV 3/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1363.139, test=-3229.985)
total time= 2.4s

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[CV 1/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-962.043, test=-3262.564)
total time= 4.8s
[CV 4/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1007.342, test=-3111.312)
total time= 4.9s
[CV 4/5; 2072/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 2072/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-49.514, test=-3463.478)
total time= 24.4s
[CV 2/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-308.728, test=-3272.994)
total time= 12.2s
[CV 5/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-53.917, test=-3452.830)
total time= 24.4s
[CV 3/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-272.411, test=-3575.204)
total time= 12.5s
[CV 1/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2214.497, test=-2561.161)
total time= 0.5s
[CV 3/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2161.003, test=-2936.489)
total time= 0.5s
[CV 5/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2117.801, test=-2997.246)
total time= 0.5s
[CV 2/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20;; score=(train=-1984.559, test=-2838.347)
total time= 1.0s
[CV 5/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1882.097, test=-3014.573)
total time= 1.0s
[CV 3/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1423.016, test=-3305.165)
total time= 2.6s
[CV 1/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-900.244, test=-3203.484)
total time= 4.2s
[CV 4/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-941.945, test=-3328.335)
total time= 4.9s
[CV 3/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-382.153, test=-3571.402)
total time= 9.8s
[CV 1/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-46.482, test=-3335.010)
total time= 24.5s
[CV 2/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-438.904, test=-3250.025)
total time= 9.8s
[CV 5/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-290.707, test=-3381.604)
total time= 12.3s
[CV 4/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1942.410, test=-2865.455)
total time= 1.0s
[CV 2/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=50
[CV 2/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1510.100, test=-3076.629)
total time= 2.5s
[CV 5/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1425.535, test=-3091.960)
total time= 2.4s
[CV 3/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-937.924, test=-3419.274)
total time= 4.9s
[CV 1/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-471.770, test=-3418.425)
total time= 9.8s
[CV 4/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-354.142, test=-3288.676)
total time= 12.2s
[CV 4/5; 2108/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 2108/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-2190.241, test=-2702.094)
total time= 0.5s
[CV 1/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1961.529, test=-2800.115)
total time= 1.0s
[CV 3/5; 2109/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 2109/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1908.266, test=-3061.094)
total time= 1.0s
[CV 1/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1464.007, test=-3022.418)
total time= 2.4s
[CV 4/5; 2110/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 2110/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-1469.228, test=-2996.551)

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total time= 2.5s
[CV 2/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-1009.529, test=-3225.410)
total time= 4.9s
[CV 1/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-471.770, test=-3413.473)
total time= 9.5s
[CV 2/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1431.441, test=-2990.134)
total time= 2.4s
[CV 5/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1407.461, test=-3204.062)
total time= 2.4s
[CV 3/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-904.535, test=-3467.005)
total time= 4.9s
[CV 1/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-411.967, test=-3288.874)
total time= 9.7s
[CV 4/5; 2078/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 2078/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-310.570, test=-3360.969)
total time= 12.1s
[CV 4/5; 2080/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 2080/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-2175.023, test=-2797.497)
total time= 0.5s
[CV 1/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1913.311, test=-2718.872)
total time= 1.0s
[CV 3/5; 2081/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20

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[CV 3/5; 2081/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1939.688, test=-3073.548)
total time= 1.0s
[CV 1/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1395.824, test=-2966.670)
total time= 2.5s
[CV 4/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1429.104, test=-3194.939)
total time= 2.4s
[CV 2/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-937.297, test=-3128.336)
total time= 4.8s
[CV 5/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-895.851, test=-3325.751)
total time= 4.9s
[CV 1/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-274.932, test=-3312.847)
total time= 12.2s
[CV 4/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-56.541, test=-3407.067)
total time= 24.7s
[CV 2/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-308.728, test=-3272.527)
total time= 12.3s
[CV 5/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-53.917, test=-3457.308)
total time= 24.5s
[CV 3/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-272.411, test=-3581.282)
total time= 12.2s

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[CV 1/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2227.025, test=-2627.913)
total time= 0.5s
[CV 2/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2261.229, test=-2684.255)
total time= 0.5s
[CV 3/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2159.141, test=-2938.439)
total time= 0.5s
[CV 5/5; 2101/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 2101/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-2151.233, test=-2859.093)
total time= 0.5s
[CV 2/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-2015.742, test=-2881.267)
total time= 1.0s
[CV 5/5; 2102/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 2102/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1922.136, test=-2959.884)
total time= 1.0s
[CV 3/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1363.139, test=-3240.089)
total time= 2.5s
[CV 1/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-962.043, test=-3248.682)
total time= 4.9s
[CV 4/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1007.342, test=-3093.016)
total time= 4.9s
[CV 4/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=200;; score=(train=-492.592, test=-3276.848)
total time= 9.8s
[CV 2/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-66.042, test=-3375.311)
total time= 24.1s
[CV 3/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-443.736, test=-3576.518)
total time= 9.8s
[CV 5/5; 2082/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 2082/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-1407.461, test=-3189.509)
total time= 2.5s
[CV 3/5; 2083/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 2083/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-904.535, test=-3479.661)
total time= 4.9s
[CV 1/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-411.967, test=-3299.722)
total time= 9.7s
[CV 4/5; 2085/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 2085/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-310.570, test=-3367.044)
total time= 12.3s
[CV 2/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2270.393, test=-2683.707)
total time= 0.5s
[CV 4/5; 2087/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 2087/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-2175.023, test=-2797.497)
total time= 0.5s
[CV 1/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1913.311, test=-2718.872)
total time= 1.0s
[CV 4/5; 2088/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20
[CV 4/5; 2088/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1926.081, test=-2905.824)
total time= 1.0s
[CV 2/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1431.441, test=-2982.426)
total time= 2.6s
[CV 5/5; 2089/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 2089/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-1407.461, test=-3186.833)
total time= 2.8s
[CV 3/5; 2090/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 2090/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-904.535, test=-3478.784)
total time= 4.9s
[CV 1/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-411.967, test=-3288.651)
total time= 9.8s
[CV 4/5; 2092/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 2092/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-310.570, test=-3362.592)
total time= 12.3s
[CV 1/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1913.311, test=-2718.872)
total time= 1.0s
[CV 3/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1939.688, test=-3075.181)
total time= 1.0s
[CV 2/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1431.441, test=-2985.335)
total time= 2.5s
[CV 5/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1407.461, test=-3193.930)

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total time= 2.5s
[CV 2/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-937.297, test=-3131.601)
total time= 4.9s
[CV 5/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-895.851, test=-3325.979)
total time= 4.9s
[CV 1/5; 2099/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 2099/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-274.932, test=-3298.199)
total time= 12.3s
[CV 4/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-56.541, test=-3419.695)
total time= 24.5s
[CV 2/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-335.296, test=-3339.409)
total time= 12.1s
[CV 5/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-66.882, test=-3325.771)
total time= 24.3s
[CV 3/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-306.296, test=-3603.434)
total time= 12.1s
[CV 1/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2227.025, test=-2641.361)
total time= 0.5s
[CV 3/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 3/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2159.141, test=-2929.365)
total time= 0.5s
[CV 5/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10

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[CV 5/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2151.233, test=-2859.093)
total time= 0.5s

[CV 2/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 2/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-2015.742, test=-2885.136)
total time= 1.0s

[CV 4/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20

[CV 4/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1942.410, test=-2858.897)
total time= 1.0s

[CV 5/5; 2055/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-889.282, test=-3342.162)
total time= 5.0s

[CV 1/5; 2057/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250

[CV 1/5; 2057/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-254.630, test=-3385.121)
total time= 12.2s

[CV 4/5; 2058/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

[CV 4/5; 2058/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-38.244, test=-3342.405)
total time= 24.2s

[CV 2/5; 2064/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250

[CV 2/5; 2064/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-253.142, test=-3394.953)
total time= 12.1s

[CV 5/5; 2065/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500

[CV 5/5; 2065/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-40.082, test=-3422.381)
total time= 24.4s

[CV 3/5; 2071/2352] START learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250

[CV 3/5; 2071/2352] END learning_rate=1, max_depth=3, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-267.043, test=-3675.121)
total time= 12.5s

[CV 1/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

[CV 1/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2214.497, test=-2561.161)
total time= 0.5s

[CV 2/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

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[CV 2/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2270.393, test=-2683.707)
total time= 0.5s
[CV 3/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2161.003, test=-2938.804)
total time= 0.5s
[CV 5/5; 2073/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 2073/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-2117.801, test=-2997.246)
total time= 0.5s
[CV 2/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1984.559, test=-2853.069)
total time= 1.0s
[CV 5/5; 2074/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 2074/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1882.097, test=-3022.740)
total time= 1.0s
[CV 3/5; 2075/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 2075/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-1423.016, test=-3293.293)
total time= 2.5s
[CV 1/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-900.244, test=-3190.869)
total time= 4.9s
[CV 4/5; 2076/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 2076/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-941.945, test=-3329.823)
total time= 5.0s
[CV 4/5; 2077/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 2077/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-435.235, test=-3348.295)
total time= 9.9s
[CV 2/5; 2079/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 2079/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-55.681, test=-3310.877)
total time= 24.8s

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[CV 5/5; 2084/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 2084/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-417.423, test=-3398.128)
total time= 10.0s
[CV 3/5; 2086/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 2086/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-44.024, test=-3603.088)
total time= 25.0s
[CV 5/5; 2091/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 2091/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-417.423, test=-3391.462)
total time= 9.9s
[CV 3/5; 2093/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 3/5; 2093/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-44.024, test=-3596.101)
total time= 24.7s
[CV 5/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-417.423, test=-3404.207)
total time= 9.9s
[CV 3/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-44.024, test=-3595.488)
total time= 24.8s
[CV 5/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-458.067, test=-3256.815)
total time= 9.9s
[CV 3/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-64.318, test=-3653.422)
total time= 24.5s
[CV 5/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-458.067, test=-3268.119)
total time= 9.8s
[CV 3/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500;; score=(train=-64.318, test=-3627.032)
total time= 24.5s
[CV 4/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-492.592, test=-3290.857)
total time= 9.8s
[CV 2/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-66.042, test=-3382.053)
total time= 24.5s
[CV 5/5; 2095/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 2095/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1882.097, test=-3017.514)
total time= 1.0s
[CV 3/5; 2096/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 2096/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-1423.016, test=-3307.841)
total time= 2.5s
[CV 1/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-900.244, test=-3205.539)
total time= 4.9s
[CV 4/5; 2097/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 2097/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-941.945, test=-3332.170)
total time= 4.9s
[CV 4/5; 2098/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 4/5; 2098/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-435.235, test=-3345.685)
total time= 9.8s
[CV 2/5; 2100/2352] START learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 2/5; 2100/2352] END learning_rate=1, max_depth=3, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-55.681, test=-3300.577)
total time= 24.6s
[CV 3/5; 2105/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 3/5; 2105/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-443.736, test=-3570.136)
total time= 9.8s
[CV 1/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=2, n_estimators=500
[CV 1/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-63.309, test=-3497.142)
total time= 24.2s
[CV 2/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 2/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-483.759, test=-3344.243)
total time= 9.9s
[CV 5/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-328.645, test=-3305.325)
total time= 12.2s
[CV 5/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1922.136, test=-2957.080)
total time= 1.0s
[CV 3/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1363.139, test=-3235.315)
total time= 2.5s
[CV 1/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-962.043, test=-3240.890)
total time= 4.9s
[CV 4/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1007.342, test=-3092.886)
total time= 5.0s
[CV 5/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-458.067, test=-3273.100)
total time= 9.8s
[CV 3/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 3/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-64.318, test=-3630.261)
total time= 24.6s
[CV 5/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-458.067, test=-3272.527)

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total time= 9.7s
[CV 3/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-64.318, test=-3643.419)
total time= 24.3s
[CV 5/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-42.380, test=-3800.891)
total time= 7.6s
[CV 3/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.088, test=-3642.771)
total time= 19.1s
[CV 1/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1717.646, test=-3196.444)
total time= 0.8s
[CV 2/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 2/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1606.083, test=-3122.305)
total time= 0.8s
[CV 3/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1577.459, test=-3181.263)
total time= 0.8s
[CV 4/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1596.964, test=-3062.553)
total time= 0.8s
[CV 5/5; 2136/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 2136/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-1546.705, test=-3625.401)
total time= 0.8s
[CV 1/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1036.222, test=-3480.698)
total time= 1.5s
[CV 2/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20

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[CV 2/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1068.381, test=-3361.712)
total time= 1.5s
[CV 3/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1057.578, test=-3300.695)
total time= 1.5s
[CV 1/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-336.024, test=-3574.568)
total time= 3.8s
[CV 5/5; 2111/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 2111/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-984.632, test=-3200.165)
total time= 4.8s
[CV 1/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-339.280, test=-3430.219)
total time= 12.1s
[CV 4/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-82.380, test=-3346.314)
total time= 24.1s
[CV 2/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-335.296, test=-3329.451)
total time= 12.0s
[CV 5/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-66.882, test=-3336.620)
total time= 24.1s
[CV 3/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-306.296, test=-3584.994)
total time= 12.1s
[CV 1/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1698.400, test=-3127.243)
total time= 0.8s

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[CV 2/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1545.486, test=-3033.299)
total time= 0.8s
[CV 3/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1440.222, test=-3211.469)
total time= 0.8s
[CV 4/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1648.118, test=-2985.716)
total time= 0.8s
[CV 2/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1002.953, test=-3273.899)
total time= 1.5s
[CV 5/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 5/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-966.658, test=-3665.160)
total time= 1.6s
[CV 3/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-254.917, test=-3628.387)
total time= 3.8s
[CV 1/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-49.372, test=-3550.644)
total time= 7.6s
[CV 2/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.609, test=-3353.467)
total time= 15.2s
[CV 5/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.081, test=-3787.307)
total time= 19.0s
[CV 5/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=20;; score=(train=-1000.457, test=-3888.999)
total time= 1.5s
[CV 3/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-325.040, test=-3545.208)
total time= 3.8s
[CV 5/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-318.322, test=-3844.826)
total time= 3.8s
[CV 3/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-52.472, test=-3683.920)
total time= 7.6s
[CV 1/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.965, test=-3685.813)
total time= 15.0s
[CV 4/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.124, test=-3258.863)
total time= 19.0s
[CV 5/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1647.382, test=-3335.043)
total time= 0.8s
[CV 2/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1241.129, test=-2944.080)
total time= 1.5s
[CV 4/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1157.474, test=-3331.141)
total time= 1.5s
[CV 1/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-436.044, test=-3614.864)
total time= 3.8s
[CV 4/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=50
[CV 4/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-470.902, test=-3378.086)
total time= 3.8s
[CV 2/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-78.566, test=-3170.525)
total time= 7.6s
[CV 5/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-79.874, test=-3565.353)
total time= 7.6s
[CV 1/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-63.309, test=-3501.108)
total time= 24.0s
[CV 2/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-483.759, test=-3322.349)
total time= 9.6s
[CV 5/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-328.645, test=-3329.578)
total time= 12.0s
[CV 2/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-2015.742, test=-2884.185)
total time= 1.0s
[CV 5/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1922.136, test=-2957.080)
total time= 1.0s
[CV 3/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1363.139, test=-3245.295)
total time= 2.4s
[CV 1/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-962.043, test=-3253.461)

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total time= 4.8s
[CV 4/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1007.342, test=-3092.617)
total time= 4.9s
[CV 4/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-492.592, test=-3262.469)
total time= 9.7s
[CV 1/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-63.309, test=-3500.053)
total time= 24.1s
[CV 4/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-47.180, test=-3391.938)
total time= 7.6s
[CV 2/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.093, test=-3313.845)
total time= 19.0s
[CV 5/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3797.990)
total time= 37.8s
[CV 3/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 3/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.136, test=-3617.082)
total time= 19.0s
[CV 1/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1657.698, test=-2896.999)
total time= 0.7s
[CV 2/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1706.678, test=-2828.951)
total time= 0.8s
[CV 3/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10

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[CV 3/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1684.196, test=-3282.118)
total time= 0.8s
[CV 4/5; 2143/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 2143/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1717.357, test=-3158.848)
total time= 0.8s
[CV 1/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1140.988, test=-3353.167)
total time= 1.5s
[CV 3/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1169.154, test=-3574.528)
total time= 1.5s
[CV 5/5; 2144/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 2144/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-1042.339, test=-3497.055)
total time= 1.5s
[CV 3/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-434.686, test=-3656.824)
total time= 3.8s
[CV 1/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-78.994, test=-3602.482)
total time= 7.6s
[CV 4/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-85.026, test=-3441.146)
total time= 7.6s
[CV 2/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2.899, test=-3156.924)
total time= 15.1s
[CV 5/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.517, test=-3557.158)
total time= 18.8s

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[CV 3/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1241.392, test=-3543.542)
total time= 1.5s
[CV 1/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-484.006, test=-3421.712)
total time= 3.8s
[CV 4/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-575.111, test=-3373.931)
total time= 3.8s
[CV 4/5; 2103/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 2103/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-1469.228, test=-2983.215)
total time= 2.4s
[CV 2/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-1009.529, test=-3234.326)
total time= 4.9s
[CV 5/5; 2104/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 2104/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-984.632, test=-3196.690)
total time= 4.9s
[CV 1/5; 2106/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 2106/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-339.280, test=-3430.169)
total time= 12.2s
[CV 4/5; 2107/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 2107/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-82.380, test=-3326.081)
total time= 24.2s
[CV 2/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-335.296, test=-3370.847)
total time= 12.3s
[CV 5/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=5, n_estimators=500;; score=(train=-66.882, test=-3320.960)
total time= 24.5s
[CV 3/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-306.296, test=-3585.345)
total time= 12.2s
[CV 1/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2227.025, test=-2643.809)
total time= 0.5s
[CV 2/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2261.229, test=-2685.517)
total time= 0.5s
[CV 4/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2190.241, test=-2702.094)
total time= 0.5s
[CV 1/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1961.529, test=-2810.248)
total time= 1.0s
[CV 4/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1942.410, test=-2863.802)
total time= 1.0s
[CV 2/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1510.100, test=-3072.288)
total time= 2.5s
[CV 5/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1425.535, test=-3106.977)
total time= 2.5s
[CV 3/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-937.924, test=-3403.783)
total time= 5.0s
[CV 1/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,

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min_samples_split=15, n_estimators=200
[CV 1/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-471.770, test=-3402.277)
total time= 9.9s
[CV 4/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-354.142, test=-3267.756)
total time= 12.4s
[CV 5/5; 2129/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 2129/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-1542.442, test=-3445.666)
total time= 0.8s
[CV 3/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-918.437, test=-3471.274)
total time= 1.6s
[CV 1/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-341.640, test=-3507.514)
total time= 3.9s
[CV 4/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-349.639, test=-3336.461)
total time= 3.9s
[CV 2/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-38.425, test=-3351.523)
total time= 7.7s
[CV 3/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 3/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.648, test=-3589.388)
total time= 15.4s
[CV 1/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3500.381)
total time= 38.5s
[CV 4/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.848, test=-3253.030)

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total time= 15.4s
[CV 2/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3453.469)
total time= 38.3s
[CV 5/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-2.639, test=-3576.726)
total time= 15.3s
[CV 3/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3698.638)
total time= 38.4s
[CV 4/5; 2113/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 2113/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-354.142, test=-3266.048)
total time= 12.1s
[CV 2/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2261.229, test=-2685.517)
total time= 0.5s
[CV 4/5; 2115/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2115/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-2190.241, test=-2696.838)
total time= 0.5s
[CV 1/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1961.529, test=-2800.729)
total time= 1.0s
[CV 3/5; 2116/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 2116/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1908.266, test=-3058.118)
total time= 1.0s
[CV 1/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1464.007, test=-3029.220)
total time= 2.4s
[CV 4/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50

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[CV 4/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1469.228, test=-2996.551)
total time= 2.5s
[CV 3/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-937.924, test=-3396.497)
total time= 5.0s
[CV 1/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-471.770, test=-3405.375)
total time= 9.8s
[CV 4/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-354.142, test=-3289.273)
total time= 12.3s
[CV 3/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2159.141, test=-2938.636)
total time= 0.5s
[CV 5/5; 2122/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2122/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-2151.233, test=-2862.961)
total time= 0.5s
[CV 3/5; 2123/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 2123/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1908.266, test=-3057.793)
total time= 1.0s
[CV 1/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1464.007, test=-3020.711)
total time= 2.5s
[CV 4/5; 2124/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 2124/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-1469.228, test=-2984.543)
total time= 2.5s
[CV 2/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-1009.529, test=-3226.476)
total time= 5.0s

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[CV 5/5; 2125/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 2125/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-984.632, test=-3179.110)
total time= 5.0s
[CV 1/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-339.280, test=-3421.442)
total time= 12.4s
[CV 4/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-82.380, test=-3327.376)
total time= 24.6s
[CV 5/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.685, test=-3777.021)
total time= 15.4s
[CV 3/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3653.704)
total time= 38.5s
[CV 1/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.133, test=-3679.774)
total time= 19.2s
[CV 4/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3257.191)
total time= 38.6s
[CV 2/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.445, test=-3196.877)
total time= 19.1s
[CV 5/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3625.224)
total time= 38.4s
[CV 3/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=15, n_estimators=250;; score=(train=-1.796, test=-3842.502)
total time= 19.2s
[CV 1/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1596.860, test=-3081.060)
total time= 0.8s
[CV 2/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1659.897, test=-2945.580)
total time= 0.8s
[CV 3/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1688.774, test=-3254.437)
total time= 0.8s
[CV 3/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-443.736, test=-3567.313)
total time= 9.9s
[CV 2/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-66.042, test=-3367.045)
total time= 24.6s
[CV 1/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.635, test=-3474.783)
total time= 15.5s
[CV 4/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.118, test=-3375.066)
total time= 19.4s
[CV 4/5; 2137/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 2137/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-1086.569, test=-3186.265)
total time= 1.6s
[CV 2/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-287.771, test=-3417.904)
total time= 3.9s
[CV 1/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=5, n_estimators=100
[CV 1/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-44.724, test=-3682.292)
total time= 7.7s
[CV 4/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-38.041, test=-3246.460)
total time= 7.7s
[CV 2/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.721, test=-3431.166)
total time= 15.4s
[CV 5/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.159, test=-3835.194)
total time= 19.3s
[CV 2/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-440.671, test=-3170.503)
total time= 3.9s
[CV 5/5; 2145/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 2145/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-379.812, test=-3571.885)
total time= 3.9s
[CV 3/5; 2146/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 2146/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-76.390, test=-3696.662)
total time= 7.8s
[CV 1/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-3.178, test=-3609.402)
total time= 15.4s
[CV 4/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.421, test=-3435.573)
total time= 19.2s
[CV 2/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1787.392, test=-2946.894)

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total time= 0.8s
[CV 4/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1842.226, test=-2877.870)
total time= 0.8s
[CV 1/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1293.471, test=-3288.790)
total time= 1.5s
[CV 4/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1348.688, test=-3156.503)
total time= 1.6s
[CV 2/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-560.718, test=-3325.441)
total time= 3.9s
[CV 5/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-435.857, test=-3591.961)
total time= 3.8s
[CV 3/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-98.432, test=-3834.494)
total time= 7.7s
[CV 1/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-5.381, test=-3425.595)
total time= 15.4s
[CV 4/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 4/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.602, test=-3463.603)
total time= 19.3s
[CV 5/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1652.070, test=-3009.063)
total time= 0.8s
[CV 2/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

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[CV 2/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1177.193, test=-3185.617)
total time= 1.6s
[CV 5/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1095.090, test=-3061.537)
total time= 1.6s
[CV 3/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-418.379, test=-3426.407)
total time= 3.8s
[CV 1/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-82.034, test=-3320.973)
total time= 7.6s
[CV 4/5; 2112/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2112/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-492.592, test=-3267.430)
total time= 9.8s
[CV 2/5; 2114/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2114/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-66.042, test=-3389.391)
total time= 24.0s
[CV 3/5; 2119/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 2119/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-443.736, test=-3582.858)
total time= 9.7s
[CV 1/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-63.309, test=-3501.555)
total time= 24.0s
[CV 2/5; 2126/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 2126/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-483.759, test=-3333.018)
total time= 9.7s
[CV 5/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-328.645, test=-3328.212)
total time= 12.2s

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[CV 1/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1116.271, test=-3310.667)
total time= 1.6s
[CV 4/5; 2130/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 2130/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-1097.181, test=-3309.572)
total time= 1.6s
[CV 2/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-309.508, test=-3351.446)
total time= 3.8s
[CV 5/5; 2131/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 2131/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-317.203, test=-3786.382)
total time= 3.8s
[CV 3/5; 2132/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 2132/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-34.822, test=-3604.147)
total time= 7.6s
[CV 4/5; 2133/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 2133/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.911, test=-3396.751)
total time= 15.2s
[CV 2/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3350.822)
total time= 37.9s
[CV 3/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.931, test=-3659.632)
total time= 15.2s
[CV 1/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3685.456)
total time= 37.8s
[CV 3/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200;; score=(train=-2.489, test=-3680.265)
total time= 15.2s
[CV 1/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 1/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3604.191)
total time= 37.7s
[CV 2/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-6.143, test=-3359.994)
total time= 15.4s
[CV 5/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.376, test=-3615.667)
total time= 18.9s
[CV 3/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1149.927, test=-3424.526)
total time= 1.5s
[CV 1/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-427.817, test=-3301.441)
total time= 3.8s
[CV 4/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-495.409, test=-3494.133)
total time= 3.8s
[CV 2/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-105.419, test=-3409.632)
total time= 7.5s
[CV 5/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-70.063, test=-3209.795)
total time= 7.5s
[CV 1/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.802, test=-3324.434)
total time= 18.8s
[CV 4/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=500
[CV 4/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3540.919)
total time= 37.7s
[CV 2/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.898, test=-3415.041)
total time= 19.1s
[CV 5/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3211.213)
total time= 37.8s
[CV 3/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.178, test=-3489.445)
total time= 19.0s
[CV 2/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1510.100, test=-3085.808)
total time= 2.4s
[CV 5/5; 2117/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2117/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-1425.535, test=-3111.391)
total time= 2.4s
[CV 2/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-1009.529, test=-3235.556)
total time= 4.8s
[CV 5/5; 2118/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 2118/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-984.632, test=-3217.619)
total time= 4.8s
[CV 1/5; 2120/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 2120/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-339.280, test=-3424.565)
total time= 12.0s
[CV 4/5; 2121/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 2121/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-82.380, test=-3313.043)

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total time= 24.2s
[CV 2/5; 2127/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 2127/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-335.296, test=-3332.918)
total time= 12.3s
[CV 5/5; 2128/2352] START learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 2128/2352] END learning_rate=1, max_depth=3, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-66.882, test=-3328.780)
total time= 24.5s
[CV 1/5; 2134/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 2134/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.075, test=-3549.540)
total time= 19.3s
[CV 4/5; 2135/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 2135/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3385.366)
total time= 38.4s
[CV 2/5; 2141/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 2141/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.092, test=-3438.109)
total time= 19.2s
[CV 5/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3856.758)
total time= 38.4s
[CV 3/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.425, test=-3672.655)
total time= 19.2s
[CV 1/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1756.220, test=-2954.039)
total time= 0.8s
[CV 3/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 3/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1708.986, test=-3303.614)
total time= 0.8s
[CV 5/5; 2150/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10

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[CV 5/5; 2150/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1669.663, test=-3238.678)
total time= 0.8s
[CV 2/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1347.206, test=-3120.194)
total time= 1.6s
[CV 5/5; 2151/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 2151/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-1132.963, test=-3392.772)
total time= 1.5s
[CV 3/5; 2152/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 2152/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-554.386, test=-3681.510)
total time= 3.9s
[CV 1/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-102.344, test=-3436.809)
total time= 7.6s
[CV 4/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-126.070, test=-3431.134)
total time= 7.7s
[CV 5/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 5/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-5.500, test=-3634.960)
total time= 15.3s
[CV 3/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-3825.547)
total time= 38.4s
[CV 4/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-5.635, test=-3541.898)
total time= 15.3s
[CV 2/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3423.337)
total time= 37.9s

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[CV 4/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-5.635, test=-3548.731)
total time= 15.3s
[CV 2/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3402.074)
total time= 37.8s
[CV 3/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-5.292, test=-3491.665)
total time= 15.1s
[CV 1/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3331.643)
total time= 37.8s
[CV 4/5; 2138/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 2138/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-282.722, test=-3252.785)
total time= 3.8s
[CV 2/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-32.105, test=-3433.299)
total time= 7.5s
[CV 5/5; 2139/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2139/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-40.484, test=-3848.560)
total time= 7.6s
[CV 5/5; 2140/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 2140/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-1.078, test=-3822.202)
total time= 15.1s
[CV 3/5; 2142/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 2142/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3630.849)
total time= 37.9s
[CV 4/5; 2147/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 2147/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,

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min_samples_split=10, n_estimators=200;; score=(train=-2.423, test=-3441.859)
total time= 15.1s
[CV 2/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3161.374)
total time= 37.7s
[CV 3/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-6.975, test=-3804.949)
total time= 15.3s
[CV 1/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3438.877)
total time= 37.7s
[CV 2/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-4.085, test=-3408.104)
total time= 15.0s
[CV 5/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.750, test=-3224.610)
total time= 18.7s
[CV 5/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1095.090, test=-3050.728)
total time= 1.5s
[CV 3/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-418.379, test=-3456.114)
total time= 3.7s
[CV 1/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-82.034, test=-3361.080)
total time= 7.6s
[CV 4/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-95.755, test=-3546.627)
total time= 7.6s
[CV 3/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=5, n_estimators=200
[CV 3/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-5.292, test=-3499.746)
total time= 15.1s
[CV 1/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3343.227)
total time= 37.8s
[CV 2/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-4.085, test=-3429.255)
total time= 15.1s
[CV 5/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.750, test=-3210.403)
total time= 18.9s
[CV 4/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1292.328, test=-2932.153)
total time= 1.6s
[CV 2/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-544.192, test=-3354.870)
total time= 3.9s
[CV 5/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-490.682, test=-3455.652)
total time= 3.9s
[CV 3/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-114.850, test=-3924.385)
total time= 7.7s
[CV 1/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-8.903, test=-3557.457)
total time= 15.4s
[CV 4/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2.490, test=-3313.299)

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total time= 19.2s
[CV 5/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1677.427, test=-3107.634)
total time= 0.8s
[CV 2/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1305.876, test=-3246.986)
total time= 1.5s
[CV 4/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1367.923, test=-3193.174)
total time= 1.6s
[CV 2/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-619.094, test=-3471.231)
total time= 3.8s
[CV 1/5; 2148/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 2148/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.637, test=-3610.907)
total time= 18.8s
[CV 4/5; 2149/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 2149/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3413.192)
total time= 37.6s
[CV 2/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.640, test=-3344.447)
total time= 19.1s
[CV 5/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3605.798)
total time= 37.8s
[CV 3/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.178, test=-3517.458)
total time= 18.8s
[CV 1/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10

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[CV 1/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1680.932, test=-3047.731)
total time= 0.8s
[CV 2/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1659.897, test=-2926.330)
total time= 0.8s
[CV 3/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1688.774, test=-3255.581)
total time= 0.8s
[CV 4/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1668.090, test=-3059.770)
total time= 0.8s
[CV 5/5; 2164/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 2164/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-1652.070, test=-3034.226)
total time= 0.8s
[CV 2/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1177.193, test=-3195.820)
total time= 1.5s
[CV 4/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1190.652, test=-3390.605)
total time= 1.5s
[CV 2/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-496.859, test=-3346.217)
total time= 3.8s
[CV 5/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-374.053, test=-3179.023)
total time= 3.7s
[CV 3/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-109.641, test=-3478.337)
total time= 7.7s

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[CV 1/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-3.503, test=-3325.552)
total time= 15.1s
[CV 3/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.178, test=-3509.042)
total time= 19.2s
[CV 1/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1596.860, test=-3059.209)
total time= 0.8s
[CV 3/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1688.774, test=-3243.665)
total time= 0.8s
[CV 5/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1652.070, test=-3023.378)
total time= 0.8s
[CV 2/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1177.193, test=-3142.824)
total time= 1.6s
[CV 5/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1095.090, test=-3043.775)
total time= 1.6s
[CV 3/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-418.379, test=-3443.596)
total time= 3.8s
[CV 1/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-82.034, test=-3356.921)
total time= 7.6s
[CV 4/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-95.755, test=-3560.043)
total time= 7.7s
[CV 5/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-2.741, test=-3197.246)
total time= 15.2s
[CV 3/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3495.777)
total time= 38.2s
[CV 5/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 5/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-6.170, test=-3502.209)
total time= 15.3s
[CV 3/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 3/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-3932.711)
total time= 37.9s
[CV 4/5; 2157/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 2157/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-1668.090, test=-3048.677)
total time= 0.8s
[CV 1/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1149.272, test=-3219.762)
total time= 1.5s
[CV 4/5; 2158/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 4/5; 2158/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-1190.652, test=-3342.381)
total time= 1.6s
[CV 2/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-496.859, test=-3314.264)
total time= 3.9s
[CV 5/5; 2159/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 2159/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-374.053, test=-3184.869)
total time= 3.8s
[CV 3/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=2, n_estimators=100
[CV 3/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-109.641, test=-3477.365)
total time= 7.6s
[CV 1/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-3.503, test=-3356.844)
total time= 15.1s
[CV 4/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-1.110, test=-3521.531)
total time= 19.0s
[CV 1/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1148.192, test=-3108.935)
total time= 1.5s
[CV 3/5; 2165/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 2165/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-1149.927, test=-3396.723)
total time= 1.5s
[CV 1/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-427.817, test=-3301.141)
total time= 3.8s
[CV 4/5; 2166/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 2166/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-495.409, test=-3504.389)
total time= 3.9s
[CV 2/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-105.419, test=-3367.192)
total time= 7.5s
[CV 5/5; 2167/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 2167/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-70.063, test=-3192.594)
total time= 7.5s
[CV 1/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.802, test=-3334.402)

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total time= 18.9s
[CV 4/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3533.248)
total time= 37.9s
[CV 2/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.898, test=-3426.547)
total time= 18.8s
[CV 5/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3202.534)
total time= 37.9s
[CV 3/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1.976, test=-3936.126)
total time= 18.9s
[CV 1/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1802.625, test=-2777.877)
total time= 0.8s
[CV 2/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1784.450, test=-3038.282)
total time= 0.8s
[CV 3/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 3/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1718.474, test=-3062.826)
total time= 0.8s
[CV 4/5; 2185/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 2185/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1817.396, test=-2935.286)
total time= 0.8s
[CV 1/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1297.990, test=-2996.727)
total time= 1.5s
[CV 3/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20

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[CV 3/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1232.847, test=-3190.978)
total time= 1.5s
[CV 1/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-522.033, test=-3260.523)
total time= 3.7s
[CV 4/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-547.802, test=-3402.876)
total time= 3.6s
[CV 2/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-158.910, test=-3550.681)
total time= 7.5s
[CV 5/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 5/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-151.077, test=-3423.840)
total time= 7.5s
[CV 2/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-123.008, test=-3387.420)
total time= 7.6s
[CV 5/5; 2153/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 2153/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-101.956, test=-3623.127)
total time= 7.6s
[CV 1/5; 2155/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 2155/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-1.400, test=-3434.030)
total time= 19.1s
[CV 4/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3451.374)
total time= 38.2s
[CV 2/5; 2162/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 2162/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.898, test=-3414.665)
total time= 18.9s

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[CV 5/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3239.138)
total time= 38.1s
[CV 4/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-1.110, test=-3541.369)
total time= 19.1s
[CV 2/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 2/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1659.897, test=-2924.190)
total time= 0.8s
[CV 4/5; 2171/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 2171/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-1668.090, test=-3038.429)
total time= 0.8s
[CV 1/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1149.272, test=-3194.958)
total time= 1.5s
[CV 3/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1149.927, test=-3412.034)
total time= 1.5s
[CV 1/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-434.904, test=-3320.834)
total time= 3.8s
[CV 4/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-495.409, test=-3577.632)
total time= 3.8s
[CV 2/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-105.419, test=-3372.584)
total time= 7.6s
[CV 5/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=10, n_estimators=100;; score=(train=-70.063, test=-3184.526)
total time= 7.5s
[CV 1/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.802, test=-3342.711)
total time= 18.8s
[CV 4/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.001, test=-3560.231)
total time= 37.8s
[CV 2/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-3.133, test=-3419.240)
total time= 18.9s
[CV 5/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.002, test=-3499.239)
total time= 37.7s
[CV 3/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-1.872, test=-3525.455)
total time= 18.7s
[CV 1/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1802.625, test=-2777.877)
total time= 0.8s
[CV 2/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1784.450, test=-3038.282)
total time= 0.8s
[CV 3/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1718.474, test=-3063.773)
total time= 0.8s
[CV 5/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1677.427, test=-3098.789)
total time= 0.8s
[CV 2/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20
[CV 2/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1305.876, test=-3255.211)
total time= 1.5s
[CV 5/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 5/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1236.833, test=-3213.136)
total time= 1.5s
[CV 3/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 3/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-493.239, test=-3469.282)
total time= 3.8s
[CV 1/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 1/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-132.170, test=-3238.325)
total time= 7.5s
[CV 4/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 4/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-141.270, test=-3476.989)
total time= 7.5s
[CV 4/5; 2154/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 4/5; 2154/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-6.608, test=-3477.063)
total time= 15.5s
[CV 2/5; 2156/2352] START learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 2156/2352] END learning_rate=1, max_depth=5, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.001, test=-3387.509)
total time= 37.8s
[CV 3/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-5.292, test=-3522.972)
total time= 15.1s
[CV 1/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3347.057)
total time= 37.6s
[CV 2/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-4.085, test=-3400.615)

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total time= 15.2s
[CV 5/5; 2169/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 2169/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.750, test=-3220.166)
total time= 18.8s
[CV 4/5; 2172/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 2172/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-1190.652, test=-3342.375)
total time= 1.5s
[CV 2/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-496.859, test=-3333.947)
total time= 3.8s
[CV 5/5; 2173/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 2173/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-374.053, test=-3197.360)
total time= 3.7s
[CV 3/5; 2174/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 2174/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-109.641, test=-3499.452)
total time= 7.5s
[CV 1/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-3.503, test=-3330.201)
total time= 14.9s
[CV 4/5; 2176/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 2176/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-1.110, test=-3543.583)
total time= 18.8s
[CV 3/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1685.019, test=-3335.978)
total time= 0.8s
[CV 5/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1659.741, test=-3077.302)
total time= 0.8s
[CV 2/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20

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[CV 2/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1281.368, test=-3231.591)
total time= 1.5s
[CV 5/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1186.928, test=-3309.457)
total time= 1.5s
[CV 3/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-465.027, test=-3815.177)
total time= 3.7s
[CV 1/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-155.282, test=-3567.376)
total time= 7.6s
[CV 4/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-126.925, test=-3298.706)
total time= 7.5s
[CV 4/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 4/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-9.786, test=-3294.750)
total time= 15.1s
[CV 1/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 1/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-3553.837)
total time= 37.5s
[CV 2/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 2/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-11.311, test=-3517.631)
total time= 15.0s
[CV 5/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 5/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-3.204, test=-3437.897)
total time= 18.7s
[CV 3/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1232.847, test=-3194.692)
total time= 1.5s

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[CV 1/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-522.033, test=-3267.405)
total time= 3.7s
[CV 4/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-547.802, test=-3393.984)
total time= 3.8s
[CV 2/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-158.910, test=-3542.657)
total time= 7.4s
[CV 5/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-151.077, test=-3420.820)
total time= 7.5s
[CV 1/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2.803, test=-3241.114)
total time= 18.6s
[CV 5/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-542.032, test=-3391.700)
total time= 3.9s
[CV 3/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-110.340, test=-3527.093)
total time= 7.5s
[CV 1/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-10.907, test=-3240.757)
total time= 15.2s
[CV 4/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2.252, test=-3473.927)
total time= 18.7s
[CV 4/5; 2192/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 4/5; 2192/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10;; score=(train=-1817.396, test=-2941.806)
total time= 0.8s
[CV 1/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1297.990, test=-3003.918)
total time= 1.5s
[CV 4/5; 2193/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 4/5; 2193/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-1367.923, test=-3179.426)
total time= 1.5s
[CV 2/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-619.094, test=-3477.031)
total time= 3.8s
[CV 5/5; 2194/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 2194/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-542.032, test=-3412.290)
total time= 3.8s
[CV 3/5; 2195/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 2195/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-110.340, test=-3529.253)
total time= 7.5s
[CV 1/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-10.907, test=-3243.390)
total time= 15.0s
[CV 4/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-2.252, test=-3467.101)
total time= 18.3s
[CV 2/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1784.450, test=-3038.282)
total time= 0.8s
[CV 4/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1817.396, test=-2931.977)
total time= 0.8s
[CV 1/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=20
[CV 1/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1297.990, test=-3011.311)
total time= 1.5s
[CV 4/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1367.923, test=-3187.178)
total time= 1.5s
[CV 2/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-619.094, test=-3477.285)
total time= 3.8s
[CV 5/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-542.032, test=-3408.839)
total time= 3.8s
[CV 3/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-110.340, test=-3520.833)
total time= 7.5s
[CV 1/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-10.907, test=-3242.483)
total time= 15.1s
[CV 4/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2.252, test=-3477.277)
total time= 18.7s
[CV 3/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1718.474, test=-3065.807)
total time= 0.8s
[CV 5/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1677.427, test=-3092.267)
total time= 0.8s
[CV 2/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1305.876, test=-3241.124)

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total time= 1.5s
[CV 5/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 5/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1236.833, test=-3213.534)
total time= 1.5s
[CV 3/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 3/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-493.239, test=-3467.440)
total time= 3.7s
[CV 1/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 1/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-132.170, test=-3233.581)
total time= 7.5s
[CV 4/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 4/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-141.270, test=-3473.253)
total time= 7.5s
[CV 5/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 5/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-10.774, test=-3445.097)
total time= 15.0s
[CV 4/5; 2160/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 2160/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-95.755, test=-3545.461)
total time= 7.7s
[CV 5/5; 2161/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 2161/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-2.741, test=-3209.271)
total time= 15.2s
[CV 3/5; 2163/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 2163/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.001, test=-3490.697)
total time= 38.4s
[CV 5/5; 2168/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 2168/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-2.741, test=-3213.903)
total time= 15.2s
[CV 3/5; 2170/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500

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[CV 3/5; 2170/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.001, test=-3486.849)
total time= 38.0s
[CV 4/5; 2175/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 2175/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-5.635, test=-3520.312)
total time= 15.2s
[CV 2/5; 2177/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 2177/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3367.453)
total time= 37.7s
[CV 3/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-7.985, test=-3935.697)
total time= 15.2s
[CV 2/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 2/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.004, test=-3447.081)
total time= 37.7s
[CV 3/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 3/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-6.881, test=-3527.260)
total time= 14.9s
[CV 1/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 1/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.005, test=-3239.923)
total time= 37.0s
[CV 2/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 2/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-11.311, test=-3536.132)
total time= 14.8s
[CV 5/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 5/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-3.204, test=-3431.844)
total time= 18.9s
[CV 3/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1232.847, test=-3195.613)
total time= 1.5s

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[CV 1/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 1/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-522.033, test=-3257.353)
total time= 3.8s
[CV 4/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 4/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-547.802, test=-3412.803)
total time= 3.8s
[CV 2/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 2/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-158.910, test=-3526.788)
total time= 7.6s
[CV 5/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 5/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-151.077, test=-3431.101)
total time= 7.6s
[CV 1/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 1/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-2.803, test=-3245.633)
total time= 18.9s
[CV 4/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 4/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3479.959)
total time= 37.5s
[CV 2/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 2/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-3.273, test=-3510.821)
total time= 18.8s
[CV 5/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 5/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.005, test=-3436.266)
total time= 37.6s
[CV 3/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 3/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-6.023, test=-3606.022)
total time= 18.7s
[CV 1/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 1/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10;; score=(train=-1779.908, test=-2919.438)
total time= 0.7s
[CV 3/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1756.927, test=-3095.620)
total time= 0.8s
[CV 5/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1718.199, test=-2857.302)
total time= 0.8s
[CV 2/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1360.822, test=-3213.240)
total time= 1.5s
[CV 5/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 5/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1222.515, test=-3131.310)
total time= 1.5s
[CV 3/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 3/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-640.698, test=-3537.800)
total time= 3.8s
[CV 1/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1784.780, test=-2949.939)
total time= 0.8s
[CV 2/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1777.566, test=-3007.351)
total time= 0.8s
[CV 4/5; 2178/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 2178/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1757.963, test=-2812.735)
total time= 0.8s
[CV 1/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1351.789, test=-3133.481)
total time= 1.5s
[CV 3/5; 2179/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20
[CV 3/5; 2179/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-1204.084, test=-3640.040)
total time= 1.5s
[CV 1/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-580.575, test=-3491.678)
total time= 3.8s
[CV 4/5; 2180/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 2180/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-516.983, test=-3308.101)
total time= 3.8s
[CV 2/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-132.092, test=-3424.270)
total time= 7.7s
[CV 5/5; 2181/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 2181/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-109.863, test=-3517.932)
total time= 7.7s
[CV 1/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-2.752, test=-3552.329)
total time= 19.1s
[CV 4/5; 2184/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 2184/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-3317.154)
total time= 38.1s
[CV 2/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-3.273, test=-3507.039)
total time= 18.5s
[CV 5/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.005, test=-3419.864)
total time= 37.5s
[CV 3/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-1.872, test=-3536.529)

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total time= 18.8s
[CV 1/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1802.625, test=-2774.296)
total time= 0.8s
[CV 3/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1718.474, test=-3064.359)
total time= 0.8s
[CV 5/5; 2199/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 2199/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1677.427, test=-3104.462)
total time= 0.8s
[CV 2/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1305.876, test=-3245.740)
total time= 1.5s
[CV 5/5; 2200/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 5/5; 2200/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-1236.833, test=-3209.059)
total time= 1.5s
[CV 3/5; 2201/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 3/5; 2201/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-493.239, test=-3473.365)
total time= 3.8s
[CV 1/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 1/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-132.170, test=-3246.708)
total time= 7.6s
[CV 4/5; 2202/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 4/5; 2202/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-141.270, test=-3477.989)
total time= 7.3s
[CV 5/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 5/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-10.774, test=-3424.168)
total time= 15.1s
[CV 3/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

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[CV 3/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.003, test=-3538.806)
total time= 37.5s

[CV 4/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200

[CV 4/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-9.351, test=-3492.355)
total time= 14.9s

[CV 2/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500

[CV 2/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.008, test=-3536.072)
total time= 37.4s

[CV 3/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200

[CV 3/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-19.572, test=-3608.604)
total time= 14.9s

[CV 1/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500

[CV 1/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.024, test=-3545.006)
total time= 37.1s

[CV 2/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200

[CV 2/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-20.995, test=-3379.679)
total time= 14.9s

[CV 4/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

[CV 4/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.005, test=-3466.702)
total time= 37.4s

[CV 2/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250

[CV 2/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-3.273, test=-3509.344)
total time= 18.6s

[CV 5/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500

[CV 5/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3438.121)
total time= 37.3s

[CV 3/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

[CV 3/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-1.872, test=-3533.653)
total time= 18.6s


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[CV 1/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1779.908, test=-2922.432)
total time= 0.8s
[CV 2/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1887.316, test=-2963.389)
total time= 0.8s
[CV 4/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1762.052, test=-2949.249)
total time= 0.7s
[CV 1/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1351.225, test=-3204.146)
total time= 1.5s
[CV 4/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1401.619, test=-3113.341)
total time= 1.5s
[CV 2/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-673.397, test=-3304.249)
total time= 3.8s
[CV 5/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-533.798, test=-3258.135)
total time= 3.7s
[CV 3/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-205.687, test=-3619.162)
total time= 7.5s
[CV 1/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-18.463, test=-3521.250)
total time= 14.9s
[CV 4/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=2, n_estimators=250;; score=(train=-4.759, test=-3451.983)
total time= 18.5s
[CV 2/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1887.316, test=-2963.389)
total time= 0.7s
[CV 4/5; 2220/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 2220/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1762.052, test=-2946.565)
total time= 0.7s
[CV 1/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1351.225, test=-3195.791)
total time= 1.5s
[CV 4/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1401.619, test=-3110.756)
total time= 1.5s
[CV 2/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-673.397, test=-3291.899)
total time= 3.8s
[CV 5/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-533.798, test=-3265.688)
total time= 3.7s
[CV 3/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-205.687, test=-3621.181)
total time= 7.5s
[CV 1/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-18.463, test=-3508.347)
total time= 14.9s
[CV 4/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-4.759, test=-3442.608)
total time= 18.5s
[CV 3/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10
[CV 3/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1756.927, test=-3092.941)
total time= 0.7s
[CV 5/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1718.199, test=-2856.649)
total time= 0.7s
[CV 2/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1360.822, test=-3214.037)
total time= 1.5s
[CV 5/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 5/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1222.515, test=-3111.401)
total time= 1.5s
[CV 3/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 3/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-640.698, test=-3530.547)
total time= 3.7s
[CV 1/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 1/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-196.104, test=-3510.782)
total time= 7.5s
[CV 2/5; 2182/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 2182/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-11.251, test=-3442.647)
total time= 15.2s
[CV 5/5; 2183/2352] START learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 2183/2352] END learning_rate=1, max_depth=5, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-1.455, test=-3487.697)
total time= 18.9s
[CV 5/5; 2186/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 2186/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-1236.833, test=-3216.593)
total time= 1.5s
[CV 3/5; 2187/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 2187/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-493.239, test=-3471.607)

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total time= 3.7s
[CV 1/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-132.170, test=-3244.898)
total time= 7.5s
[CV 4/5; 2188/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 4/5; 2188/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-141.270, test=-3475.780)
total time= 7.5s
[CV 5/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 5/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-10.774, test=-3427.410)
total time= 15.0s
[CV 3/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 3/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.003, test=-3537.440)
total time= 37.3s
[CV 4/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 4/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-9.351, test=-3478.476)
total time= 14.9s
[CV 2/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.008, test=-3509.836)
total time= 37.6s
[CV 3/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-6.881, test=-3540.063)
total time= 14.9s
[CV 1/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.005, test=-3237.464)
total time= 37.2s
[CV 2/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-11.311, test=-3513.300)
total time= 14.9s
[CV 5/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250

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[CV 5/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-3.204, test=-3437.529)
total time= 18.6s
[CV 3/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1283.112, test=-3204.963)
total time= 1.5s
[CV 1/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 1/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-656.087, test=-3446.104)
total time= 3.7s
[CV 4/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-643.034, test=-3383.248)
total time= 3.7s
[CV 2/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-218.812, test=-3377.900)
total time= 7.4s
[CV 5/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-139.018, test=-3303.784)
total time= 7.3s
[CV 1/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-6.931, test=-3505.357)
total time= 18.5s
[CV 4/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.020, test=-3437.761)
total time= 36.8s
[CV 2/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-6.906, test=-3400.988)
total time= 18.5s
[CV 5/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.015, test=-3329.866)
total time= 36.7s

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[CV 3/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-6.023, test=-3617.355)
total time= 18.6s
[CV 1/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1779.908, test=-2938.151)
total time= 0.7s
[CV 2/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 2/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1887.316, test=-2972.816)
total time= 0.8s
[CV 3/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 3/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1756.927, test=-3081.163)
total time= 0.8s
[CV 4/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 4/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1762.052, test=-2946.291)
total time= 0.8s
[CV 5/5; 2234/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2234/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1718.199, test=-2871.321)
total time= 0.8s
[CV 1/5; 2190/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 2190/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-2.803, test=-3242.746)
total time= 18.8s
[CV 4/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.005, test=-3472.993)
total time= 37.6s
[CV 2/5; 2197/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 2197/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-3.273, test=-3510.107)
total time= 18.8s
[CV 5/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=5, n_estimators=500;; score=(train=-0.005, test=-3422.621)
total time= 37.8s
[CV 3/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-1.872, test=-3542.690)
total time= 18.7s
[CV 1/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1802.625, test=-2774.296)
total time= 0.8s
[CV 2/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1784.450, test=-3038.282)
total time= 0.8s
[CV 4/5; 2206/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 2206/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1817.396, test=-2919.185)
total time= 0.8s
[CV 1/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1297.990, test=-3004.638)
total time= 1.5s
[CV 4/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1367.923, test=-3195.151)
total time= 1.5s
[CV 2/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-619.094, test=-3510.499)
total time= 3.7s
[CV 5/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 5/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-542.032, test=-3399.044)
total time= 3.8s
[CV 3/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-110.340, test=-3523.722)
total time= 7.4s
[CV 1/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=15, n_estimators=200
[CV 1/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-10.907, test=-3253.600)
total time= 15.0s
[CV 4/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2.252, test=-3474.174)
total time= 18.6s
[CV 3/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1756.927, test=-3081.556)
total time= 0.8s
[CV 5/5; 2213/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 2213/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1718.199, test=-2883.658)
total time= 0.8s
[CV 2/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1360.822, test=-3224.117)
total time= 1.5s
[CV 5/5; 2214/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 2214/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-1222.515, test=-3134.632)
total time= 1.5s
[CV 3/5; 2215/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 2215/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-640.698, test=-3554.939)
total time= 3.8s
[CV 1/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-196.104, test=-3538.740)
total time= 7.5s
[CV 4/5; 2216/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 2216/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-157.055, test=-3429.711)
total time= 7.4s
[CV 4/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 4/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-12.750, test=-3447.245)

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total time= 14.8s
[CV 2/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 2/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.028, test=-3406.754)
total time= 37.0s
[CV 3/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-19.572, test=-3627.752)
total time= 14.9s
[CV 1/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.024, test=-3518.030)
total time= 37.1s
[CV 2/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-20.995, test=-3396.706)
total time= 14.9s
[CV 5/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-4.445, test=-3324.825)
total time= 18.6s
[CV 5/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1222.515, test=-3124.849)
total time= 1.5s
[CV 4/5; 2189/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 2189/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-9.351, test=-3479.061)
total time= 14.7s
[CV 2/5; 2191/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 2191/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.008, test=-3513.538)
total time= 37.4s
[CV 3/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-6.881, test=-3535.027)
total time= 14.9s
[CV 1/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500

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[CV 1/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.005, test=-3241.195)
total time= 37.5s
[CV 2/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 2/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-11.311, test=-3516.446)
total time= 14.8s
[CV 5/5; 2204/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 5/5; 2204/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-3.204, test=-3428.057)
total time= 18.6s
[CV 3/5; 2207/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 2207/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-1232.847, test=-3194.342)
total time= 1.5s
[CV 1/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-522.033, test=-3257.099)
total time= 3.7s
[CV 4/5; 2208/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 2208/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-547.802, test=-3405.968)
total time= 3.7s
[CV 2/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-158.910, test=-3526.861)
total time= 7.4s
[CV 5/5; 2209/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 2209/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-151.077, test=-3423.132)
total time= 7.5s
[CV 1/5; 2211/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 2211/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-2.803, test=-3241.995)
total time= 18.8s
[CV 4/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.005, test=-3469.823)
total time= 37.5s

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[CV 2/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-6.906, test=-3399.649)
total time= 18.6s
[CV 5/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.015, test=-3325.930)
total time= 37.0s
[CV 3/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-6.023, test=-3612.320)
total time= 18.6s
[CV 1/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1779.908, test=-2919.387)
total time= 0.8s
[CV 2/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1887.316, test=-2963.389)
total time= 0.7s
[CV 4/5; 2227/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2227/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1762.052, test=-2961.070)
total time= 0.7s
[CV 1/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1351.225, test=-3208.426)
total time= 1.5s
[CV 3/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1283.112, test=-3213.801)
total time= 1.5s
[CV 1/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-656.087, test=-3444.799)
total time= 3.7s
[CV 4/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=10, n_estimators=50;; score=(train=-643.034, test=-3385.484)
total time= 3.8s
[CV 2/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-218.812, test=-3391.003)
total time= 7.5s
[CV 5/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-139.018, test=-3328.358)
total time= 7.4s
[CV 1/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 1/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-6.931, test=-3540.991)
total time= 18.7s
[CV 4/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 4/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.020, test=-3445.113)
total time= 37.5s
[CV 2/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 2/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-6.906, test=-3397.809)
total time= 18.7s
[CV 5/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 5/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.015, test=-3318.680)
total time= 37.5s
[CV 5/5; 2196/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 5/5; 2196/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-10.774, test=-3438.945)
total time= 15.0s
[CV 3/5; 2198/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 3/5; 2198/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.003, test=-3526.749)
total time= 37.5s
[CV 4/5; 2203/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 4/5; 2203/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-9.351, test=-3480.984)
total time= 14.9s
[CV 2/5; 2205/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,

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min_samples_split=10, n_estimators=500
[CV 2/5; 2205/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.008, test=-3531.996)
total time= 37.4s
[CV 3/5; 2210/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 3/5; 2210/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-6.881, test=-3535.607)
total time= 14.9s
[CV 1/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 1/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.005, test=-3247.488)
total time= 37.3s
[CV 2/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 2/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-20.995, test=-3395.512)
total time= 14.9s
[CV 5/5; 2218/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 5/5; 2218/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-4.445, test=-3316.720)
total time= 18.5s
[CV 3/5; 2221/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 2221/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-1283.112, test=-3210.878)
total time= 1.5s
[CV 1/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-656.087, test=-3453.351)
total time= 3.8s
[CV 4/5; 2222/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 2222/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-643.034, test=-3370.651)
total time= 3.7s
[CV 2/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-218.812, test=-3367.123)
total time= 7.5s
[CV 5/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-139.018, test=-3306.981)

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total time= 7.4s
[CV 1/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 1/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-6.931, test=-3532.697)
total time= 18.6s
[CV 4/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 4/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.020, test=-3442.592)
total time= 37.1s
[CV 2/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 2/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-6.906, test=-3398.490)
total time= 18.6s
[CV 5/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 5/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.015, test=-3302.269)
total time= 37.0s
[CV 3/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 3/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-6.023, test=-3622.440)
total time= 18.6s
[CV 1/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 1/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-698.295, test=-3687.918)
total time= 1.2s
[CV 3/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 3/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-675.461, test=-3815.026)
total time= 1.1s
[CV 5/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 5/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-657.052, test=-3487.932)
total time= 1.2s
[CV 2/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 2/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-161.752, test=-3397.141)
total time= 2.3s
[CV 5/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20

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[CV 5/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-110.590, test=-3571.500)
total time= 2.2s
[CV 3/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 3/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1.954, test=-3877.659)
total time= 5.6s
[CV 1/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 1/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.002, test=-3795.887)
total time= 11.2s
[CV 2/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 2/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3370.538)
total time= 22.2s
[CV 5/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 5/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3483.735)
total time= 27.4s
[CV 5/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 5/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-96.068, test=-3692.152)
total time= 2.2s
[CV 3/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 3/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-1.817, test=-3798.276)
total time= 5.5s
[CV 5/5; 2225/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 5/5; 2225/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-4.445, test=-3321.621)
total time= 18.4s
[CV 4/5; 2228/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 2228/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-1401.619, test=-3097.417)
total time= 1.5s
[CV 2/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-673.397, test=-3300.529)
total time= 3.7s

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[CV 5/5; 2229/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2229/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-533.798, test=-3251.826)
total time= 3.7s
[CV 3/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-205.687, test=-3612.744)
total time= 7.7s
[CV 1/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-15.104, test=-3293.995)
total time= 14.8s
[CV 4/5; 2232/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2232/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-4.759, test=-3444.875)
total time= 18.5s
[CV 1/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 1/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1351.225, test=-3196.464)
total time= 1.5s
[CV 3/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 3/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1283.112, test=-3207.782)
total time= 1.5s
[CV 1/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 1/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-656.087, test=-3449.530)
total time= 3.8s
[CV 4/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 4/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-643.034, test=-3368.063)
total time= 3.8s
[CV 2/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 2/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-218.812, test=-3393.579)
total time= 7.4s
[CV 5/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 5/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100;; score=(train=-139.018, test=-3311.924)
total time= 7.4s
[CV 1/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 1/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-6.931, test=-3521.112)
total time= 18.6s
[CV 4/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 4/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.020, test=-3438.140)
total time= 37.4s
[CV 5/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 5/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3523.867)
total time= 22.3s
[CV 3/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 3/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3792.095)
total time= 52.2s
[CV 2/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 2/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3447.584)
total time= 27.9s
[CV 5/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 5/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3631.854)
total time= 54.0s
[CV 3/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 3/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3779.369)
total time= 27.8s
[CV 1/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 1/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1034.581, test=-3574.173)
total time= 1.2s
[CV 2/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 2/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1004.629, test=-3306.001)
total time= 1.1s
[CV 3/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=10
[CV 3/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-950.097, test=-3492.470)
total time= 1.1s
[CV 4/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 4/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1185.971, test=-3305.510)
total time= 1.2s
[CV 5/5; 2262/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10
[CV 5/5; 2262/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=10;; score=(train=-1014.271, test=-3679.420)
total time= 1.1s
[CV 1/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 1/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-431.405, test=-3641.709)
total time= 2.3s
[CV 2/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 2/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-494.173, test=-3409.777)
total time= 2.3s
[CV 5/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 5/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-444.246, test=-3806.653)
total time= 2.3s
[CV 3/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 3/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-20.009, test=-3571.083)
total time= 5.5s
[CV 3/5; 2212/2352] START learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 3/5; 2212/2352] END learning_rate=1, max_depth=5, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.003, test=-3537.503)
total time= 37.4s
[CV 5/5; 2217/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 2217/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-13.413, test=-3322.028)
total time= 14.8s
[CV 3/5; 2219/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 2219/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.016, test=-3614.185)

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total time= 37.2s
[CV 4/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 4/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-12.750, test=-3423.130)
total time= 14.8s
[CV 2/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 2/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.028, test=-3402.197)
total time= 37.3s
[CV 3/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 3/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-19.572, test=-3634.383)
total time= 14.9s
[CV 2/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 2/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.028, test=-3394.346)
total time= 37.4s
[CV 3/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 3/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-19.572, test=-3618.699)
total time= 15.0s
[CV 1/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 1/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.024, test=-3537.003)
total time= 37.3s
[CV 4/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 4/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.002, test=-3575.977)
total time= 11.3s
[CV 1/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 1/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3781.545)
total time= 28.0s
[CV 4/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 4/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3617.361)
total time= 52.2s
[CV 3/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250

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[CV 3/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3810.935)
total time= 27.7s
[CV 1/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 1/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-1032.829, test=-3482.413)
total time= 1.2s
[CV 2/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 2/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-939.830, test=-3267.732)
total time= 1.1s
[CV 3/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 3/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-875.850, test=-3656.292)
total time= 1.1s
[CV 4/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 4/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-779.065, test=-3366.140)
total time= 1.1s
[CV 5/5; 2255/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10
[CV 5/5; 2255/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=10;; score=(train=-926.793, test=-3480.210)
total time= 1.2s
[CV 1/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 1/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-298.071, test=-3724.078)
total time= 2.3s
[CV 4/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 4/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-232.398, test=-3400.564)
total time= 2.2s
[CV 2/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 2/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-8.858, test=-3395.163)
total time= 5.5s
[CV 5/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 5/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-10.843, test=-3712.113)
total time= 5.6s

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[CV 3/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 3/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.030, test=-3755.814)
total time= 11.1s
[CV 2/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 2/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3352.404)
total time= 22.2s
[CV 5/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 5/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3702.885)
total time= 27.5s
[CV 4/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 4/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-453.878, test=-3453.640)
total time= 2.3s
[CV 2/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 2/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-44.594, test=-3469.827)
total time= 5.6s
[CV 5/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 5/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-30.491, test=-3803.460)
total time= 5.5s
[CV 3/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 3/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.283, test=-3594.935)
total time= 10.9s
[CV 1/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 1/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-137.070, test=-3296.161)
total time= 7.4s
[CV 4/5; 2223/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 4/5; 2223/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-157.055, test=-3431.420)
total time= 7.4s
[CV 5/5; 2224/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 5/5; 2224/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=5, n_estimators=200;; score=(train=-13.413, test=-3325.699)
total time= 14.9s
[CV 3/5; 2226/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 3/5; 2226/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.016, test=-3627.898)
total time= 36.5s
[CV 4/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 4/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-12.750, test=-3436.204)
total time= 14.7s
[CV 1/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500
[CV 1/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.024, test=-3530.162)
total time= 37.3s
[CV 2/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 2/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-20.995, test=-3403.954)
total time= 15.0s
[CV 5/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 5/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-4.445, test=-3331.559)
total time= 18.7s
[CV 3/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 3/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-190.096, test=-3839.204)
total time= 2.3s
[CV 1/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 1/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1.302, test=-3801.401)
total time= 5.5s
[CV 4/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 4/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-3.787, test=-3592.193)
total time= 5.6s
[CV 2/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 2/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.001, test=-3304.196)
total time= 11.1s
[CV 3/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=200
[CV 3/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3820.227)
total time= 22.3s
[CV 1/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 1/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3803.386)
total time= 53.2s
[CV 4/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 4/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3457.549)
total time= 22.2s
[CV 2/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 2/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3466.677)
total time= 44.5s
[CV 5/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 5/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.060, test=-3717.894)
total time= 11.1s
[CV 1/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 1/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3662.952)
total time= 27.5s
[CV 4/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 4/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3417.284)
total time= 55.6s
[CV 2/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 2/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3483.558)
total time= 27.6s
[CV 5/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 5/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3788.505)
total time= 55.6s
[CV 3/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 3/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3615.559)

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total time= 27.1s
[CV 1/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 1/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-855.288, test=-3579.649)
total time= 1.1s
[CV 3/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 3/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-908.465, test=-3479.535)
total time= 1.1s
[CV 5/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 5/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-876.471, test=-3365.561)
total time= 1.1s
[CV 2/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 2/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-297.894, test=-3434.533)
total time= 2.2s
[CV 4/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 4/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-391.039, test=-3501.106)
total time= 2.2s
[CV 2/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 2/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-12.728, test=-3450.269)
total time= 5.4s
[CV 5/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 5/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-16.381, test=-3438.765)
total time= 5.5s
[CV 4/5; 2230/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 4/5; 2230/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-157.055, test=-3436.747)
total time= 7.4s
[CV 5/5; 2231/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 5/5; 2231/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-13.413, test=-3314.144)
total time= 14.8s
[CV 3/5; 2233/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500

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[CV 3/5; 2233/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=10, n_estimators=500;; score=(train=-0.016, test=-3614.584)
total time= 37.4s
[CV 5/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 5/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-13.413, test=-3318.070)
total time= 14.9s
[CV 3/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 3/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.016, test=-3623.734)
total time= 37.2s
[CV 1/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 1/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3741.720)
total time= 22.3s
[CV 4/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 4/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3591.464)
total time= 28.0s
[CV 4/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 4/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-172.679, test=-3468.305)
total time= 2.2s
[CV 2/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 2/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2.335, test=-3478.668)
total time= 5.6s
[CV 5/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 5/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-3.228, test=-3683.726)
total time= 5.6s
[CV 3/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 3/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3784.819)
total time= 11.1s
[CV 2/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 2/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3492.444)
total time= 22.3s

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[CV 5/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 5/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3725.823)
total time= 27.6s
[CV 3/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 3/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-249.813, test=-3665.829)
total time= 2.3s
[CV 1/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 1/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-12.232, test=-3690.752)
total time= 5.6s
[CV 4/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 4/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-9.959, test=-3408.122)
total time= 5.5s
[CV 2/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 2/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.049, test=-3398.641)
total time= 11.1s
[CV 1/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 1/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3726.450)
total time= 22.1s
[CV 4/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 4/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3422.780)
total time= 27.5s
[CV 3/5; 2263/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20
[CV 3/5; 2263/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=20;; score=(train=-329.411, test=-3567.819)
total time= 2.2s
[CV 1/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 1/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50;; score=(train=-37.423, test=-3680.156)
total time= 5.7s
[CV 4/5; 2264/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=50
[CV 4/5; 2264/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=50;; score=(train=-21.154, test=-3482.790)
total time= 5.6s
[CV 2/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 2/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.562, test=-3481.598)
total time= 11.2s
[CV 5/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 5/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.387, test=-3794.505)
total time= 11.2s
[CV 1/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 1/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3706.224)
total time= 27.9s
[CV 4/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 4/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3493.634)
total time= 56.0s
[CV 2/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 2/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3414.342)
total time= 27.1s
[CV 5/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 5/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3447.557)
total time= 54.8s
[CV 3/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 3/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3622.138)
total time= 27.3s
[CV 3/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 3/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3864.032)
total time= 28.1s
[CV 1/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 1/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-528.502, test=-3748.150)
total time= 1.1s
[CV 2/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=5, n_estimators=10
[CV 2/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-697.261, test=-3331.549)
total time= 1.2s
[CV 3/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 3/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-567.718, test=-3779.447)
total time= 1.1s
[CV 4/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 4/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-654.750, test=-3384.198)
total time= 1.2s
[CV 5/5; 2248/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10
[CV 5/5; 2248/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=10;; score=(train=-553.713, test=-3724.273)
total time= 1.1s
[CV 1/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 1/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-119.081, test=-3725.783)
total time= 2.2s
[CV 2/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 2/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-195.001, test=-3460.315)
total time= 2.3s
[CV 3/5; 2249/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20
[CV 3/5; 2249/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=20;; score=(train=-153.823, test=-3796.044)
total time= 2.3s
[CV 1/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 1/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2.054, test=-3764.435)
total time= 5.6s
[CV 4/5; 2250/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50
[CV 4/5; 2250/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=50;; score=(train=-2.479, test=-3479.122)
total time= 5.6s
[CV 2/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 2/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.002, test=-3510.414)

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total time= 11.2s
[CV 1/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 1/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3786.280)
total time= 22.4s
[CV 4/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 4/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3441.769)
total time= 27.6s
[CV 2/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 2/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-290.090, test=-3410.767)
total time= 2.3s
[CV 5/5; 2256/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20
[CV 5/5; 2256/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=20;; score=(train=-284.982, test=-3711.698)
total time= 2.3s
[CV 3/5; 2257/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50
[CV 3/5; 2257/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=50;; score=(train=-7.217, test=-3640.411)
total time= 5.5s
[CV 1/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 1/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.070, test=-3718.253)
total time= 11.3s
[CV 4/5; 2258/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100
[CV 4/5; 2258/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=100;; score=(train=-0.046, test=-3389.147)
total time= 11.2s
[CV 5/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 5/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3729.658)
total time= 22.3s
[CV 3/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 3/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3762.174)
total time= 52.9s
[CV 4/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200

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[CV 4/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3511.677)
total time= 22.1s
[CV 2/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 2/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3472.007)
total time= 55.9s
[CV 4/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 4/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3548.703)
total time= 21.8s
[CV 2/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 2/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3414.479)
total time= 55.5s
[CV 4/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 4/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3569.758)
total time= 22.0s
[CV 2/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 2/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3423.781)
total time= 55.3s
[CV 3/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 3/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3640.767)
total time= 22.0s
[CV 1/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 1/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3662.797)
total time= 55.7s
[CV 2/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 2/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1360.822, test=-3214.949)
total time= 1.5s
[CV 4/5; 2235/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 4/5; 2235/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=20;; score=(train=-1401.619, test=-3095.765)
total time= 1.5s

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[CV 2/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 2/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-673.397, test=-3304.443)
total time= 3.7s
[CV 5/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 5/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-533.798, test=-3256.525)
total time= 3.7s
[CV 3/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 3/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-205.687, test=-3619.801)
total time= 7.5s
[CV 1/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 1/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-18.463, test=-3541.549)
total time= 14.9s
[CV 4/5; 2239/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250
[CV 4/5; 2239/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=250;; score=(train=-4.759, test=-3433.764)
total time= 18.6s
[CV 2/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 2/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-700.925, test=-3304.310)
total time= 1.1s
[CV 4/5; 2241/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10
[CV 4/5; 2241/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=10;; score=(train=-736.054, test=-3487.031)
total time= 1.2s
[CV 1/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 1/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-170.563, test=-3769.849)
total time= 2.2s
[CV 4/5; 2242/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20
[CV 4/5; 2242/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=20;; score=(train=-200.067, test=-3528.290)
total time= 2.3s
[CV 2/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 2/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=2, n_estimators=50;; score=(train=-2.050, test=-3381.383)
total time= 5.6s
[CV 5/5; 2243/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50
[CV 5/5; 2243/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=50;; score=(train=-1.369, test=-3663.456)
total time= 5.5s
[CV 3/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 3/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.001, test=-3798.612)
total time= 11.1s
[CV 4/5; 2245/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200
[CV 4/5; 2245/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3589.290)
total time= 22.3s
[CV 2/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 2/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3404.046)
total time= 40.6s
[CV 4/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 4/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.002, test=-3489.774)
total time= 11.1s
[CV 5/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 5/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3719.402)
total time= 22.3s
[CV 3/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 3/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3777.126)
total time= 53.9s
[CV 4/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 4/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3409.420)
total time= 22.1s
[CV 2/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 2/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3415.285)
total time= 55.9s
[CV 5/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=15, n_estimators=200
[CV 5/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3777.514)
total time= 22.0s
[CV 3/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 3/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3554.174)
total time= 55.6s
[CV 5/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 5/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3439.270)
total time= 21.5s
[CV 3/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 3/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3629.396)
total time= 54.9s
[CV 5/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 5/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3430.562)
total time= 21.7s
[CV 3/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 3/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3645.794)
total time= 55.6s
[CV 5/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 5/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3459.605)
total time= 21.6s
[CV 3/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 3/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3645.551)
total time= 55.7s
[CV 1/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 1/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.002, test=-3625.592)
total time= 11.1s
[CV 5/5; 2251/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100
[CV 5/5; 2251/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=100;; score=(train=-0.001, test=-3720.833)

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total time= 11.0s
[CV 1/5; 2253/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250
[CV 1/5; 2253/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3722.415)
total time= 27.6s
[CV 4/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 4/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3477.697)
total time= 53.0s
[CV 2/5; 2260/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250
[CV 2/5; 2260/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3394.205)
total time= 27.7s
[CV 5/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500
[CV 5/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3703.183)
total time= 56.7s
[CV 3/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 3/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3588.942)
total time= 27.8s
[CV 1/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 1/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-855.288, test=-3564.517)
total time= 1.1s
[CV 3/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 3/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-908.465, test=-3480.385)
total time= 1.1s
[CV 5/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 5/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-876.471, test=-3359.259)
total time= 1.1s
[CV 2/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 2/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-297.894, test=-3470.652)
total time= 2.2s
[CV 4/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20

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[CV 4/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-391.039, test=-3491.878)
total time= 2.2s
[CV 2/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 2/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-12.728, test=-3425.008)
total time= 5.4s
[CV 5/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 5/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-16.381, test=-3433.123)
total time= 5.4s
[CV 3/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 3/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.121, test=-3630.871)
total time= 10.9s
[CV 1/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 1/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3667.715)
total time= 21.7s
[CV 4/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 4/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3552.688)
total time= 27.2s
[CV 2/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 2/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-889.671, test=-3303.251)
total time= 1.1s
[CV 4/5; 2276/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10
[CV 4/5; 2276/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=10;; score=(train=-933.307, test=-3367.225)
total time= 1.1s
[CV 1/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 1/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-306.099, test=-3662.790)
total time= 2.2s
[CV 3/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 3/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-391.444, test=-3606.066)
total time= 2.2s

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[CV 1/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 1/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-13.269, test=-3659.173)
total time= 5.5s
[CV 4/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 4/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-22.941, test=-3555.965)
total time= 5.7s
[CV 2/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 2/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.085, test=-3441.570)
total time= 10.7s
[CV 5/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 5/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.096, test=-3431.479)
total time= 10.8s
[CV 1/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 1/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3658.977)
total time= 27.2s
[CV 4/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 4/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3565.843)
total time= 55.2s
[CV 2/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 2/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3448.249)
total time= 27.1s
[CV 5/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 5/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3462.220)
total time= 55.1s
[CV 3/5; 2236/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50
[CV 3/5; 2236/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=50;; score=(train=-640.698, test=-3555.218)
total time= 3.8s
[CV 1/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 1/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,

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min_samples_split=15, n_estimators=100;; score=(train=-196.104, test=-3517.699)
total time= 7.5s
[CV 4/5; 2237/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100
[CV 4/5; 2237/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=100;; score=(train=-157.055, test=-3423.474)
total time= 7.5s
[CV 4/5; 2238/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200
[CV 4/5; 2238/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=200;; score=(train=-12.750, test=-3420.472)
total time= 14.9s
[CV 2/5; 2240/2352] START learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500
[CV 2/5; 2240/2352] END learning_rate=1, max_depth=5, min_samples_leaf=10,
min_samples_split=15, n_estimators=500;; score=(train=-0.028, test=-3417.671)
total time= 37.3s
[CV 5/5; 2244/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100
[CV 5/5; 2244/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=100;; score=(train=-0.000, test=-3468.867)
total time= 11.1s
[CV 2/5; 2246/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250
[CV 2/5; 2246/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3338.234)
total time= 27.9s
[CV 5/5; 2247/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500
[CV 5/5; 2247/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3644.246)
total time= 40.5s
[CV 3/5; 2252/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200
[CV 3/5; 2252/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3836.662)
total time= 22.1s
[CV 1/5; 2254/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500
[CV 1/5; 2254/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3720.111)
total time= 52.8s
[CV 3/5; 2259/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200
[CV 3/5; 2259/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3750.396)
total time= 22.0s
[CV 1/5; 2261/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,

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min_samples_split=10, n_estimators=500
[CV 1/5; 2261/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3681.766)
total time= 55.0s
[CV 3/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 3/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3581.783)
total time= 22.0s
[CV 5/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250
[CV 5/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3772.364)
total time= 27.5s
[CV 5/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 5/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-320.021, test=-3400.904)
total time= 2.2s
[CV 3/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 3/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-17.918, test=-3616.075)
total time= 5.5s
[CV 1/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 1/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.106, test=-3653.062)
total time= 10.8s
[CV 4/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 4/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.203, test=-3540.497)
total time= 10.9s
[CV 3/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 3/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3600.590)
total time= 21.6s
[CV 1/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 1/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3652.494)
total time= 55.7s
[CV 2/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 2/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3449.170)

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total time= 21.7s
[CV 5/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 5/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3428.159)
total time= 27.0s
[CV 5/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 5/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-320.021, test=-3404.239)
total time= 2.2s
[CV 3/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 3/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-17.918, test=-3613.884)
total time= 5.5s
[CV 1/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 1/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.106, test=-3666.613)
total time= 10.9s
[CV 4/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 4/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.203, test=-3550.436)
total time= 11.0s
[CV 4/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 4/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3551.235)
total time= 21.7s
[CV 2/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 2/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3400.360)
total time= 55.2s
[CV 2/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 2/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3441.703)
total time= 21.8s
[CV 1/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 1/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3669.402)
total time= 22.0s
[CV 4/5; 2267/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250

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[CV 4/5; 2267/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3501.207)
total time= 27.3s
[CV 2/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 2/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-889.671, test=-3324.640)
total time= 1.1s
[CV 4/5; 2269/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10
[CV 4/5; 2269/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=10;; score=(train=-933.307, test=-3334.506)
total time= 1.1s
[CV 1/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 1/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-306.099, test=-3651.385)
total time= 2.2s
[CV 3/5; 2270/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20
[CV 3/5; 2270/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=20;; score=(train=-391.444, test=-3603.522)
total time= 2.2s
[CV 1/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 1/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-13.269, test=-3650.365)
total time= 5.4s
[CV 4/5; 2271/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50
[CV 4/5; 2271/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=50;; score=(train=-22.941, test=-3538.147)
total time= 5.4s
[CV 2/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 2/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.085, test=-3455.344)
total time= 10.7s
[CV 5/5; 2272/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100
[CV 5/5; 2272/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=100;; score=(train=-0.096, test=-3428.829)
total time= 10.7s
[CV 1/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 1/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3668.570)
total time= 26.9s

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[CV 4/5; 2275/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500
[CV 4/5; 2275/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3542.263)
total time= 54.6s
[CV 2/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 2/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3435.296)
total time= 27.0s
[CV 5/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 5/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3444.104)
total time= 56.1s
[CV 3/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 3/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3619.480)
total time= 27.2s
[CV 1/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 1/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-942.161, test=-3497.970)
total time= 1.1s
[CV 2/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 2/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1154.647, test=-3206.419)
total time= 1.1s
[CV 4/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 4/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1117.333, test=-3391.355)
total time= 1.1s
[CV 1/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 1/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-364.903, test=-3639.684)
total time= 2.2s
[CV 3/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 3/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-501.239, test=-3649.127)
total time= 2.2s
[CV 5/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 5/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=15, n_estimators=20;; score=(train=-369.056, test=-3453.006)
total time= 2.2s
[CV 3/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 3/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-42.682, test=-3748.708)
total time= 5.5s
[CV 1/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 1/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.482, test=-3619.823)
total time= 10.8s
[CV 4/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 4/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.467, test=-3626.791)
total time= 10.8s
[CV 3/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 3/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3761.641)
total time= 21.6s
[CV 5/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 5/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3461.766)
total time= 27.0s
[CV 1/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 1/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-41.818, test=-3505.629)
total time= 5.3s
[CV 4/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 4/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-53.342, test=-3391.686)
total time= 5.3s
[CV 2/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 2/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.410, test=-3456.169)
total time= 10.6s
[CV 1/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 1/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-855.288, test=-3572.352)
total time= 1.1s
[CV 2/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=10
[CV 2/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-889.671, test=-3335.203)
total time= 1.1s
[CV 3/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 3/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-908.465, test=-3494.108)
total time= 1.1s
[CV 5/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 5/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-876.471, test=-3362.710)
total time= 1.1s
[CV 2/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 2/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-297.894, test=-3412.773)
total time= 2.2s
[CV 4/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 4/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-391.039, test=-3484.894)
total time= 2.2s
[CV 2/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 2/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-12.728, test=-3446.326)
total time= 5.4s
[CV 5/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 5/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-16.381, test=-3433.510)
total time= 5.4s
[CV 3/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 3/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.121, test=-3590.179)
total time= 10.9s
[CV 1/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 1/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3648.582)
total time= 21.7s
[CV 4/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 4/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3562.904)

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total time= 27.1s
[CV 3/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 3/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-1136.793, test=-3389.742)
total time= 1.1s
[CV 5/5; 2290/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10
[CV 5/5; 2290/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=10;; score=(train=-965.583, test=-3417.380)
total time= 1.1s
[CV 2/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 2/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-454.711, test=-3385.927)
total time= 2.2s
[CV 4/5; 2291/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20
[CV 4/5; 2291/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=20;; score=(train=-490.821, test=-3572.333)
total time= 2.2s
[CV 2/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 2/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-44.544, test=-3418.518)
total time= 5.5s
[CV 5/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 5/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-26.347, test=-3460.844)
total time= 5.4s
[CV 3/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 3/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.582, test=-3769.722)
total time= 10.8s
[CV 1/5; 2294/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200
[CV 1/5; 2294/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3628.258)
total time= 21.8s
[CV 4/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 4/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3621.197)
total time= 27.0s
[CV 3/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10

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[CV 3/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1095.711, test=-3468.143)
total time= 1.1s
[CV 5/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 5/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-939.584, test=-3409.335)
total time= 1.0s
[CV 2/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 2/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-589.262, test=-3383.441)
total time= 2.2s
[CV 4/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 4/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-507.407, test=-3367.635)
total time= 2.2s
[CV 2/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 2/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-53.692, test=-3453.349)
total time= 5.3s
[CV 5/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 5/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-59.947, test=-3611.859)
total time= 5.4s
[CV 3/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 3/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.823, test=-3654.132)
total time= 10.8s
[CV 1/5; 2301/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 1/5; 2301/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3490.719)
total time= 21.1s
[CV 4/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 4/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3379.519)
total time= 26.3s
[CV 3/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 3/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.121, test=-3637.580)
total time= 11.0s

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[CV 1/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200
[CV 1/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3660.253)
total time= 21.9s
[CV 4/5; 2281/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250
[CV 4/5; 2281/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3549.795)
total time= 27.3s
[CV 4/5; 2283/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10
[CV 4/5; 2283/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=10;; score=(train=-933.307, test=-3354.570)
total time= 1.1s
[CV 1/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 1/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-306.099, test=-3659.742)
total time= 2.2s
[CV 3/5; 2284/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20
[CV 3/5; 2284/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=20;; score=(train=-391.444, test=-3603.346)
total time= 2.2s
[CV 1/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 1/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-13.269, test=-3640.072)
total time= 5.4s
[CV 4/5; 2285/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50
[CV 4/5; 2285/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=50;; score=(train=-22.941, test=-3568.077)
total time= 5.5s
[CV 2/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 2/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.085, test=-3440.722)
total time= 10.8s
[CV 5/5; 2286/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100
[CV 5/5; 2286/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=100;; score=(train=-0.096, test=-3418.264)
total time= 10.7s
[CV 1/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 1/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,

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min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3661.666)
total time= 26.9s
[CV 4/5; 2289/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500
[CV 4/5; 2289/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3559.955)
total time= 54.8s
[CV 2/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 2/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3428.905)
total time= 27.2s
[CV 5/5; 2296/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 5/5; 2296/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3480.029)
total time= 53.9s
[CV 3/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 3/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3649.757)
total time= 26.6s
[CV 1/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 1/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1019.143, test=-3348.982)
total time= 1.1s
[CV 2/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 2/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1137.267, test=-3266.826)
total time= 1.1s
[CV 3/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 3/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1095.711, test=-3468.799)
total time= 1.1s
[CV 5/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10
[CV 5/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-939.584, test=-3411.523)
total time= 1.1s
[CV 2/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 2/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-589.262, test=-3396.012)
total time= 2.2s
[CV 4/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=20
[CV 4/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-507.407, test=-3383.958)
total time= 2.2s
[CV 2/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 2/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-53.692, test=-3459.061)
total time= 5.3s
[CV 5/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 5/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-59.947, test=-3611.459)
total time= 5.4s
[CV 3/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 3/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1.823, test=-3659.798)
total time= 10.8s
[CV 1/5; 2308/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 1/5; 2308/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3502.138)
total time= 21.2s
[CV 4/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 4/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3412.453)
total time= 26.6s
[CV 4/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 4/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1044.000, test=-3294.747)
total time= 1.1s
[CV 1/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 1/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-451.494, test=-3454.214)
total time= 2.1s
[CV 3/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 3/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-468.355, test=-3579.891)
total time= 2.2s
[CV 1/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 1/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.369, test=-3662.366)

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total time= 11.1s
[CV 4/5; 2265/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100
[CV 4/5; 2265/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=100;; score=(train=-0.246, test=-3488.642)
total time= 11.0s
[CV 2/5; 2266/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200
[CV 2/5; 2266/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=200;; score=(train=-0.000, test=-3465.055)
total time= 22.3s
[CV 1/5; 2268/2352] START learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500
[CV 1/5; 2268/2352] END learning_rate=1, max_depth=8, min_samples_leaf=2,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3713.129)
total time= 55.3s
[CV 2/5; 2273/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200
[CV 2/5; 2273/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=200;; score=(train=-0.000, test=-3444.617)
total time= 21.8s
[CV 5/5; 2274/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250
[CV 5/5; 2274/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3440.852)
total time= 27.2s
[CV 5/5; 2277/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20
[CV 5/5; 2277/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=20;; score=(train=-320.021, test=-3405.503)
total time= 2.2s
[CV 3/5; 2278/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50
[CV 3/5; 2278/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=50;; score=(train=-17.918, test=-3593.924)
total time= 5.5s
[CV 1/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 1/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.106, test=-3680.794)
total time= 11.0s
[CV 4/5; 2279/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100
[CV 4/5; 2279/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=100;; score=(train=-0.203, test=-3560.881)
total time= 11.1s
[CV 3/5; 2280/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200

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[CV 3/5; 2280/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=200;; score=(train=-0.000, test=-3621.365)
total time= 22.0s
[CV 1/5; 2282/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500
[CV 1/5; 2282/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3657.304)
total time= 55.6s
[CV 2/5; 2287/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200
[CV 2/5; 2287/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=200;; score=(train=-0.000, test=-3411.764)
total time= 21.6s
[CV 5/5; 2288/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250
[CV 5/5; 2288/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3437.306)
total time= 27.1s
[CV 1/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 1/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-25.224, test=-3619.288)
total time= 5.4s
[CV 4/5; 2292/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50
[CV 4/5; 2292/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=50;; score=(train=-34.965, test=-3621.858)
total time= 5.4s
[CV 2/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 2/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.612, test=-3438.853)
total time= 10.8s
[CV 5/5; 2293/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100
[CV 5/5; 2293/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=100;; score=(train=-0.367, test=-3465.294)
total time= 10.9s
[CV 1/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 1/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3627.864)
total time= 27.0s
[CV 4/5; 2296/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500
[CV 4/5; 2296/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3628.836)
total time= 54.0s

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[CV 2/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 2/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3459.255)
total time= 26.5s
[CV 5/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 5/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3620.737)
total time= 52.8s
[CV 3/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 3/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3649.342)
total time= 26.5s
[CV 1/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 1/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1019.143, test=-3348.982)
total time= 1.1s
[CV 2/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 2/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1137.267, test=-3274.103)
total time= 1.1s
[CV 3/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 3/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-1095.711, test=-3464.941)
total time= 1.1s
[CV 5/5; 2311/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10
[CV 5/5; 2311/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=10;; score=(train=-939.584, test=-3406.848)
total time= 1.0s
[CV 2/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 2/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-589.262, test=-3379.598)
total time= 2.2s
[CV 4/5; 2312/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20
[CV 4/5; 2312/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=20;; score=(train=-507.407, test=-3375.180)
total time= 2.1s
[CV 2/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 2/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=10, n_estimators=50;; score=(train=-53.692, test=-3447.353)
total time= 5.3s
[CV 5/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50
[CV 5/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=50;; score=(train=-59.947, test=-3598.648)
total time= 5.4s
[CV 3/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100
[CV 3/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=100;; score=(train=-1.823, test=-3655.333)
total time= 10.8s
[CV 1/5; 2315/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 1/5; 2315/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3495.434)
total time= 21.3s
[CV 4/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 4/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3428.942)
total time= 26.5s
[CV 3/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 3/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1095.711, test=-3472.949)
total time= 1.1s
[CV 5/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 5/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-939.584, test=-3402.415)
total time= 1.0s
[CV 2/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 2/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-589.262, test=-3384.276)
total time= 2.2s
[CV 4/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 4/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-507.407, test=-3366.190)
total time= 2.2s
[CV 2/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 2/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-53.692, test=-3457.968)
total time= 5.4s
[CV 5/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=15, n_estimators=50
[CV 5/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-59.947, test=-3624.982)
total time= 5.4s
[CV 3/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 3/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1.823, test=-3660.506)
total time= 10.8s
[CV 1/5; 2322/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 1/5; 2322/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.001, test=-3505.070)
total time= 21.4s
[CV 4/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 4/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3405.093)
total time= 26.8s
[CV 2/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 2/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-625.587, test=-3384.309)
total time= 2.1s
[CV 4/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 4/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-590.754, test=-3079.277)
total time= 2.1s
[CV 2/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 2/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-76.000, test=-3442.471)
total time= 5.2s
[CV 5/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 5/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-91.339, test=-3433.008)
total time= 5.3s
[CV 3/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 3/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2.972, test=-3821.934)
total time= 10.5s
[CV 1/5; 2329/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 1/5; 2329/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.005, test=-3404.276)

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total time= 20.9s
[CV 4/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 4/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.001, test=-3097.408)
total time= 26.3s
[CV 3/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 3/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1282.835, test=-3487.692)
total time= 1.0s
[CV 4/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 4/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1250.276, test=-3049.823)
total time= 1.1s
[CV 1/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 1/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-540.177, test=-3376.858)
total time= 2.1s
[CV 3/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 3/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-599.330, test=-3801.552)
total time= 2.2s
[CV 1/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 1/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-73.742, test=-3417.079)
total time= 5.2s
[CV 4/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 4/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-111.636, test=-3108.775)
total time= 5.3s
[CV 2/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 2/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-3.260, test=-3452.496)
total time= 10.5s
[CV 5/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 5/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-3.726, test=-3423.973)
total time= 10.5s
[CV 5/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

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[CV 5/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.607, test=-3583.767)
total time= 10.7s
[CV 1/5; 2302/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250
[CV 1/5; 2302/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3495.896)
total time= 26.7s
[CV 4/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 4/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3389.624)
total time= 53.7s
[CV 2/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 2/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3449.006)
total time= 26.8s
[CV 5/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 5/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3601.312)
total time= 52.8s
[CV 3/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 3/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3660.020)
total time= 26.6s
[CV 1/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 1/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1019.143, test=-3346.185)
total time= 1.1s
[CV 2/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 2/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1137.267, test=-3275.044)
total time= 1.1s
[CV 4/5; 2318/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10
[CV 4/5; 2318/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=10;; score=(train=-1044.000, test=-3274.409)
total time= 1.1s
[CV 1/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 1/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-451.494, test=-3448.103)
total time= 2.1s

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[CV 3/5; 2319/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20
[CV 3/5; 2319/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=20;; score=(train=-468.355, test=-3588.381)
total time= 2.2s
[CV 1/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 1/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-41.818, test=-3491.359)
total time= 5.3s
[CV 4/5; 2320/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50
[CV 4/5; 2320/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=50;; score=(train=-53.342, test=-3390.695)
total time= 5.3s
[CV 2/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 2/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1.410, test=-3456.321)
total time= 10.6s
[CV 5/5; 2321/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100
[CV 5/5; 2321/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=100;; score=(train=-1.607, test=-3596.583)
total time= 10.7s
[CV 1/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 1/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3494.911)
total time= 26.7s
[CV 4/5; 2324/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500
[CV 4/5; 2324/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3388.976)
total time= 53.2s
[CV 2/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 2/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3458.909)
total time= 26.0s
[CV 5/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 5/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3447.269)
total time= 51.7s
[CV 3/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 3/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3840.883)
total time= 26.2s
[CV 1/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 1/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1160.417, test=-3277.728)
total time= 1.1s
[CV 2/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 2/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1238.246, test=-3260.544)
total time= 1.1s
[CV 4/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 4/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1250.276, test=-3058.855)
total time= 1.1s
[CV 1/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 1/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-540.177, test=-3400.558)
total time= 2.1s
[CV 3/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 3/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-599.330, test=-3799.227)
total time= 2.1s
[CV 1/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 1/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-73.742, test=-3436.578)
total time= 5.2s
[CV 4/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 4/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-111.636, test=-3120.742)
total time= 5.3s
[CV 2/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 2/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-3.260, test=-3445.870)
total time= 10.5s
[CV 5/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 5/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-3.726, test=-3418.139)
total time= 10.5s
[CV 4/5; 2304/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,

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min_samples_split=5, n_estimators=10
[CV 4/5; 2304/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=10;; score=(train=-1044.000, test=-3289.832)
total time= 1.1s
[CV 1/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 1/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-451.494, test=-3454.369)
total time= 2.1s
[CV 3/5; 2305/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20
[CV 3/5; 2305/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=20;; score=(train=-468.355, test=-3591.765)
total time= 2.1s
[CV 1/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 1/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-41.818, test=-3499.769)
total time= 5.3s
[CV 4/5; 2306/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50
[CV 4/5; 2306/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=50;; score=(train=-53.342, test=-3399.708)
total time= 5.3s
[CV 2/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 2/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1.410, test=-3455.987)
total time= 10.5s
[CV 5/5; 2307/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100
[CV 5/5; 2307/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=100;; score=(train=-1.607, test=-3620.224)
total time= 10.6s
[CV 1/5; 2309/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250
[CV 1/5; 2309/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3499.332)
total time= 26.6s
[CV 4/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 4/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3402.201)
total time= 53.3s
[CV 2/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250
[CV 2/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3457.671)

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total time= 26.4s
[CV 5/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 5/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3598.434)
total time= 52.2s
[CV 3/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 3/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3655.036)
total time= 26.3s
[CV 1/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 1/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1160.417, test=-3271.189)
total time= 1.0s
[CV 2/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 2/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1238.246, test=-3260.266)
total time= 1.1s
[CV 3/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 3/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1282.835, test=-3478.312)
total time= 1.1s
[CV 4/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 4/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1250.276, test=-3056.221)
total time= 1.1s
[CV 5/5; 2325/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10
[CV 5/5; 2325/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=10;; score=(train=-1190.691, test=-3287.900)
total time= 1.1s
[CV 1/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 1/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-540.177, test=-3413.881)
total time= 2.1s
[CV 3/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 3/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-599.330, test=-3797.613)
total time= 2.1s
[CV 1/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50

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[CV 1/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-73.742, test=-3446.658)
total time= 5.2s
[CV 4/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 4/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-111.636, test=-3107.718)
total time= 5.3s
[CV 2/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 2/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-3.260, test=-3459.904)
total time= 10.6s
[CV 5/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 5/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-3.726, test=-3424.234)
total time= 10.5s
[CV 1/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250
[CV 1/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3418.959)
total time= 26.3s
[CV 4/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 4/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3106.291)
total time= 52.6s
[CV 2/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 2/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.000, test=-3438.893)
total time= 25.9s
[CV 5/5; 2338/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 5/5; 2338/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3444.913)
total time= 51.6s
[CV 3/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 3/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3826.768)
total time= 26.1s
[CV 1/5; 2346/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 1/5; 2346/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1160.417, test=-3245.936)
total time= 1.1s

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[CV 1/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 1/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-41.818, test=-3496.913) total time= 5.3s

[CV 4/5; 2313/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50
[CV 4/5; 2313/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=50;; score=(train=-53.342, test=-3417.184) total time= 5.4s

[CV 2/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 2/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1.410, test=-3475.567) total time= 10.4s

[CV 5/5; 2314/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100
[CV 5/5; 2314/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=100;; score=(train=-1.607, test=-3605.467) total time= 10.7s

[CV 1/5; 2316/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250
[CV 1/5; 2316/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3508.822) total time= 26.6s

[CV 4/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500
[CV 4/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3399.057) total time= 53.6s

[CV 2/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250
[CV 2/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3477.090) total time= 26.8s

[CV 5/5; 2324/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500
[CV 5/5; 2324/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8, min_samples_split=15, n_estimators=500;; score=(train=-0.000, test=-3610.034) total time= 52.8s

[CV 3/5; 2330/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250
[CV 3/5; 2330/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=2, n_estimators=250;; score=(train=-0.000, test=-3830.159) total time= 26.2s

[CV 1/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10, min_samples_split=5, n_estimators=10
[CV 1/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,

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min_samples_split=5, n_estimators=10;; score=(train=-1160.417, test=-3268.990)
total time= 1.1s
[CV 2/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 2/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1238.246, test=-3260.645)
total time= 1.1s
[CV 5/5; 2332/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10
[CV 5/5; 2332/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=10;; score=(train=-1190.691, test=-3286.255)
total time= 1.1s
[CV 2/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 2/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-625.587, test=-3383.151)
total time= 2.1s
[CV 4/5; 2333/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20
[CV 4/5; 2333/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=20;; score=(train=-590.754, test=-3070.851)
total time= 2.1s
[CV 2/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 2/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-76.000, test=-3447.607)
total time= 5.2s
[CV 5/5; 2334/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50
[CV 5/5; 2334/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=50;; score=(train=-91.339, test=-3434.244)
total time= 5.3s
[CV 3/5; 2335/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100
[CV 3/5; 2335/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=100;; score=(train=-2.972, test=-3836.586)
total time= 10.4s
[CV 1/5; 2336/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 1/5; 2336/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.005, test=-3416.313)
total time= 20.9s
[CV 4/5; 2337/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250
[CV 4/5; 2337/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=250;; score=(train=-0.001, test=-3115.828)
total time= 26.4s
[CV 3/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,

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min_samples_split=10, n_estimators=10
[CV 3/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1282.835, test=-3481.076)
total time= 1.1s
[CV 5/5; 2339/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10
[CV 5/5; 2339/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=10;; score=(train=-1190.691, test=-3284.718)
total time= 1.1s
[CV 2/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 2/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-625.587, test=-3384.399)
total time= 2.1s
[CV 4/5; 2340/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20
[CV 4/5; 2340/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=20;; score=(train=-590.754, test=-3087.988)
total time= 2.1s
[CV 2/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 2/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-76.000, test=-3447.338)
total time= 5.3s
[CV 5/5; 2341/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50
[CV 5/5; 2341/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=50;; score=(train=-91.339, test=-3441.613)
total time= 5.3s
[CV 3/5; 2342/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100
[CV 3/5; 2342/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=100;; score=(train=-2.972, test=-3830.307)
total time= 10.4s
[CV 1/5; 2343/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 1/5; 2343/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.005, test=-3445.006)
total time= 20.8s
[CV 4/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 4/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.001, test=-3110.691)
total time= 26.4s
[CV 5/5; 2346/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10
[CV 5/5; 2346/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=10;; score=(train=-1190.691, test=-3293.978)

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total time= 1.1s
[CV 3/5; 2295/2352] START learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250
[CV 3/5; 2295/2352] END learning_rate=1, max_depth=8, min_samples_leaf=5,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3744.736)
total time= 27.1s
[CV 1/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 1/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1019.143, test=-3348.982)
total time= 1.1s
[CV 2/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 2/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1137.267, test=-3270.638)
total time= 1.1s
[CV 4/5; 2297/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10
[CV 4/5; 2297/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=10;; score=(train=-1044.000, test=-3288.375)
total time= 1.1s
[CV 1/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 1/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-451.494, test=-3462.164)
total time= 2.1s
[CV 3/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 3/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-468.355, test=-3590.149)
total time= 2.2s
[CV 5/5; 2298/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20
[CV 5/5; 2298/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=20;; score=(train=-414.308, test=-3559.707)
total time= 2.1s
[CV 3/5; 2299/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50
[CV 3/5; 2299/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=50;; score=(train=-59.798, test=-3654.533)
total time= 5.4s
[CV 1/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100
[CV 1/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-0.961, test=-3507.749)
total time= 10.6s
[CV 4/5; 2300/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100

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[CV 4/5; 2300/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=100;; score=(train=-1.204, test=-3392.223)
total time= 10.6s
[CV 4/5; 2301/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200
[CV 4/5; 2301/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=200;; score=(train=-0.001, test=-3403.457)
total time= 21.3s
[CV 2/5; 2303/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500
[CV 2/5; 2303/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3469.801)
total time= 53.6s
[CV 3/5; 2308/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200
[CV 3/5; 2308/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=200;; score=(train=-0.001, test=-3668.829)
total time= 21.3s
[CV 2/5; 2310/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500
[CV 2/5; 2310/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3455.360)
total time= 53.4s
[CV 3/5; 2315/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200
[CV 3/5; 2315/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=200;; score=(train=-0.001, test=-3662.079)
total time= 21.3s
[CV 1/5; 2317/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500
[CV 1/5; 2317/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=10, n_estimators=500;; score=(train=-0.000, test=-3490.285)
total time= 53.3s
[CV 2/5; 2322/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200
[CV 2/5; 2322/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=200;; score=(train=-0.002, test=-3469.570)
total time= 21.5s
[CV 5/5; 2323/2352] START learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250
[CV 5/5; 2323/2352] END learning_rate=1, max_depth=8, min_samples_leaf=8,
min_samples_split=15, n_estimators=250;; score=(train=-0.000, test=-3609.826)
total time= 26.5s
[CV 5/5; 2326/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20
[CV 5/5; 2326/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=20;; score=(train=-642.751, test=-3408.067)
total time= 2.1s

```

```

[CV 3/5; 2327/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50
[CV 3/5; 2327/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=50;; score=(train=-83.411, test=-3840.491)
total time= 5.3s
[CV 1/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 1/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-2.768, test=-3430.358)
total time= 10.5s
[CV 4/5; 2328/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100
[CV 4/5; 2328/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=100;; score=(train=-5.084, test=-3117.060)
total time= 10.6s
[CV 5/5; 2329/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200
[CV 5/5; 2329/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=200;; score=(train=-0.008, test=-3422.836)
total time= 21.1s
[CV 3/5; 2331/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500
[CV 3/5; 2331/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=2, n_estimators=500;; score=(train=-0.000, test=-3833.766)
total time= 52.4s
[CV 3/5; 2336/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200
[CV 3/5; 2336/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=200;; score=(train=-0.006, test=-3823.875)
total time= 20.9s
[CV 1/5; 2338/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500
[CV 1/5; 2338/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=5, n_estimators=500;; score=(train=-0.000, test=-3430.186)
total time= 52.7s
[CV 2/5; 2343/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200
[CV 2/5; 2343/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=200;; score=(train=-0.006, test=-3441.184)
total time= 21.0s
[CV 5/5; 2344/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250
[CV 5/5; 2344/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=10, n_estimators=250;; score=(train=-0.000, test=-3424.680)
total time= 26.2s
[CV 5/5; 2347/2352] START learning_rate=1, max_depth=8, min_samples_leaf=10,
min_samples_split=15, n_estimators=20
[CV 5/5; 2347/2352] END learning_rate=1, max_depth=8, min_samples_leaf=10,

```

```
min_samples_split=15, n_estimators=20;, score=(train=-642.751, test=-3426.714)
total time= 2.1sCPU times: user 1min 2s, sys: 2.91 s, total: 1min 5s
Wall time: 5h 13min 21s
```

```
[ ]: print (random_reg.best_params_)
      #print (random_reg.best_score_)
      #print("r2 score (training): {0:.3f}".format(gbr_reg.score(x_train, y_train)))
```

```
{'learning_rate': 0.1, 'max_depth': 3, 'min_samples_leaf': 5,
 'min_samples_split': 10, 'n_estimators': 20}
```

```
[ ]: train_X, val_X, train_y, val_y =
      →train_test_split(x_train,y_train,random_state=1,test_size=0.2)
```

LINEAR REGRESSION

```
[ ]: from sklearn.linear_model import LinearRegression
      from sklearn.metrics import mean_squared_error as mse
      from sklearn.metrics import r2_score
      from sklearn.ensemble import GradientBoostingRegressor
      from sklearn.model_selection import RandomizedSearchCV, GridSearchCV
      from tqdm import tqdm

      lr = LinearRegression(n_jobs=-1)
      modl = lr.fit(x_train, y_train)

      #print(f"r2 score (training): {gbr_reg0.score(x_train, y_train)}")

      train_pred = lr.predict(x_train)
      val_pred = lr.predict(val_X)
      print(f"rmse score (training): {np.sqrt(mse(y_train,train_pred,
      →squared=False))}")
      print(f"r2 score sklearn score (training): {r2_score(y_train,train_pred)}")

      print('-----')
      print(f"rmse score (cv): {np.sqrt(mse(val_y,val_pred, squared=False))}")
      print(f"r2 score sklearn score (cv): {r2_score(val_y,val_pred)}")
```

```
rmse score (training): 49.586219334922745
r2 score sklearn score (training): 0.20532311179843177
-----
rmse score (cv): 48.4120087926472
r2 score sklearn score (cv): 0.24753585697011204
```

GBDT

```
[ ]: gbr_reg = GradientBoostingRegressor(learning_rate= 0.1, max_depth = 3,
      →min_samples_leaf = 10, min_samples_split = 15, n_estimators = 20, verbose=1)
      gbr_reg.fit(train_X, train_y)
```

```

#print("r2 score (training): {0:.3f}".format(gbr_reg.score(x_train, y_train)))
print(f"r2 score (training): {gbr_reg.score(train_X, train_y)}")

train_pred = gbr_reg.predict(train_X)
val_pred = gbr_reg.predict(val_X)
print(f"rmse score (training): {np.sqrt(mse(train_y, train_pred,
→squared=False))}")
print(f"r2 score sklearn score (training): {r2_score(train_y, train_pred)}")

print('-----')
print(f"rmse score (cv): {np.sqrt(mse(val_y, val_pred, squared=False))}")
print(f"r2 score sklearn score (cv): {r2_score(val_y, val_pred)}")

```

Iter	Train Loss	Remaining Time
1	7433658.9030	0.29s
2	7230575.1093	0.28s
3	7065095.2750	0.26s
4	6928250.8534	0.25s
5	6812299.1537	0.23s
6	6719309.5468	0.21s
7	6633830.4611	0.20s
8	6566265.3787	0.18s
9	6511760.1084	0.17s
10	6462406.8834	0.15s
20	6125022.9554	0.00s

r2 score (training): 0.20277735180590728
rmse score (training): 49.74814943137548
r2 score sklearn score (training): 0.20277735180590728

rmse score (cv): 49.09916560602088
r2 score sklearn score (cv): 0.20389593311356424

```

[ ]: import pickle
pickle.dump((gbr_reg), open('/home/samuelnik15/cs-2/trns4/trns_gbr_model4.
→pkl', 'wb'))

```

###predict model 4

```

[ ]: gbr_reg.predict(x_test1)

```

```

[ ]: array([4329.65446689, 4452.87868458, 4620.01591752, 4046.99510728,
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3463.11751778, 4620.01591752, 4602.47832633, 4329.65446689,

```

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```
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3487.64489016, 3204.2387704 , 4498.72985875, 4620.01591752])
```

#conclusion

```
[1]: from prettytable import PrettyTable
k6 = PrettyTable()

k6.field_names = ["Model", 'Type', "Train RMSE", "CV RMSE", 'Train R2 SCORE', 'CV_
→R2 SCORE']
k6.add_row(["Linear Regression", 'image only', 50.033, 51.730, 0.176, 0.170])
k6.add_row(["GBDT", 'image only', 51.617, 53.814, 0.034, 0.029])
k6.add_row(["Linear Regression VGG-19", 'transfer learning', 49.435, 47.952, 0.
→215, 0.276])
k6.add_row(["GBDT VGG-19", 'transfer learning', 52.205, 51.489, 0.033, 0.037])
k6.add_row(["Linear Regression RESNET", 'transfer learning', 49.407, 48.132, 0.
→217, 0.265])
k6.add_row(["GBDT RESNET", 'transfer learning', 49.709, 49.096, 0.205, 0.204])
k6.add_row(["Linear Regression MOBILE-NET", 'transfer learning', 49.493, 48.384,
→0.211, 0.249])
k6.add_row(["GBDT MOBILE-NET", 'transfer learning', 49.365, 49.188, 0.227, 0.198])
k6.add_row(["Linear Regression CUSTOM-ARCHITECTURE", 'transfer learning', 49.586,
→48.412, 0.205, 0.248])
k6.add_row(["GBDT CUSTOM-ARCHITECTURE", 'transfer learning', 49.748, 49.099, 0.
→203, 0.204])

print(k6)
```

Model	Type	Train RMSE	CV RMSE	Train R2 SCORE	CV R2 SCORE
Linear Regression	image only	50.033	51.730	0.176	0.170
GBDT	image only	51.617	53.814	0.034	0.029
Linear Regression VGG-19	transfer learning	49.435	47.952	0.215	0.276
GBDT VGG-19	transfer learning	52.205	51.489	0.033	0.037
Linear Regression RESNET	transfer learning	49.407	48.132	0.217	0.265
GBDT RESNET	transfer learning	49.709	49.096	0.205	0.204
Linear Regression MOBILE-NET	transfer learning	49.493	48.384	0.211	0.249
GBDT MOBILE-NET	transfer learning	49.365	49.188	0.227	0.198
Linear Regression CUSTOM-ARCHITECTURE	transfer learning	49.586	48.412	0.205	0.248
GBDT CUSTOM-ARCHITECTURE	transfer learning	49.748	49.099	0.203	0.204

	Linear Regression MOBILE-NET		transfer learning		49.493	
48.384	0.211	0.249				
	GBDT MOBILE-NET		transfer learning		49.365	
49.188	0.227	0.198				
	Linear Regression CUSTOM-ARCHITECTURE		transfer learning		49.586	
48.412	0.205	0.248				
	GBDT CUSTOM-ARCHITECTURE		transfer learning		49.748	
49.099	0.203	0.204				
+-----+-----+-----+-----						
---+-----+-----+-----+-----						

CONCLUSION

1. Base line model linear regression is slightly inferior than gbdt (slight advance).
2. for selection of final model for production we will be choosing r2 score that is lowest which indicates (minimum residual along regression line, i.e. data (almost all features nearly fit the regression line)), here it is gbdt of only image data.